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TOWN COUNCIL OF BENONI

Annual Report

OF THE

MEDICAL OFFICER OF HEALTH

FOR THE YEAR
1ST OF JULY, 1947 – 30TH OF JUNE, 1948

M.O.H. 549

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To His Worship the Mayor,
and Members of the Town Council of Benoni.

Your Worship, Councillor (Mrs) Mc. Dowell,
and Gentlemen,

I have the honour to present to you the Annual Report on the activities of the Health Department for the year ended 30th June, 1948.

Details of the work of the Department during the year are discussed in the main body of the report.

The Birth Rates, the Death Rates, and the Infantile Mortality Rates, for all sections of the Community remain eminently satisfactory.

The health of the community remains good. With the exception of an epidemic of Acute Poliomyelitis affecting twenty two Europeans, an epidemic which was Union wide in its distribution, and a small outbreak of enteric fever, limited to the native employees of one mine, the full details of which are given elsewhere, the incidence of serious infectious disease has fortunately continued low.

Despite great activity in building operations, housing, as elsewhere, remains a grave problem, and it would appear that several years must elapse before this problem will be eased to any appreciable degree.

I wish to express my thanks and appreciation to your Worship and Councillors, in particular the Chairman and members of the Public Health Committee for their assistance, support and consideration on all matters submitted to them during this last year.

To the Town Clerk and his Staff, Heads and Staff of other departments, I desire to express the Department's thanks for their continued courtesy and assistance at all times.

Further I desire to record my grateful thanks and appreciation to the Staff for their loyal support and sterling activity during the years, and cannot conclude without a Word of thanks to Dr. C.B. Shapiro, who continued to render the Department every assistance as Acting Assistant Medical Officer of Health, until the appoint of a full time official in the latter portion of the year.

I have the honour to be,
Lady and Gentlemen,
Your obedient servant,

S.V. ADLER

MEDICAL OFFICER OF HEALTH

R E P O R T "A"

1. V I T A L S T A T I S T I C S

(i) P O P U L A T I O N (Pages 15 and 16)

The population figures for European, Coloured, Asiatic and Native residents, are those estimated on previous census figures and have been supplied by the Director, Union Department of Census and Statistics. The figures for mining natives - native males employed on the mines and resident in mine compounds - have been obtained locally.

The population figures, as shown in the following table, reflect a small overall increase over that for the previous year, small increases being noted, in the European and Coloured populations, with a substantial increase in the Non-Mining nativepopulation. A small decrease is to be noted in the Asiatic figures, whilst a further substantial decrease is to be noted in the population figures for mining natives, brought about by the closure of certain mines, commented upon in a previous report.

	1946/47	1947/48
Europeans	24,700	25,025
Mining Natives	19,329	17,927
Non-Mining Natives	23,871	28,593
Coloured	2,700	2,820
Asiatic	1,200	1,170
Total : All Non-Europeans	50,100	50,510
Total : All Races	74,800	75,535

Despite the closure of the mines in Benoni, a continued expansion is to be noted by a comparison of the population as at 30th June, 1938, when the European population stood at 22,500 and the figure for mining natives was 33,650.

(ii) B I R T H S (Pages 16,17)

The European birth rate (28.77), shows a slight drop from the previous year (29.59) which was the highest yet recorded, but remains eminently satisfactory.

The Coloured and Asiatic birth rates remain high, being [illegible] and 52.14 respectively, whilst the native birth rate remains fallacious owing to the continued incomplete registration of native births.

(iii) D E A T H S (Pages 18 to 26)

The European Death Rate (6.83) shows a further decrease (7.22 for the year 1946/7 and 7.52 for the year 1945/6), and is to be regarded as highly satisfactory.

A small increase (from 20.6 to 21.37) is to be noted in the

death rate for non-mining natives, whilst increases are also to be noted in the death rates for Asiatics (from 10.00 to 18.80) and Coloureds (from 20.39 to 21.98). A decrease is to be noted in the Mining Native death rate (from 5.12 to 5.08).

Small increases are to be noted in the Deaths Rates for various diseases, as under.

	1946/47	1947/48
Lung Diseases (Non T.B.)	3.37	4.[illegible]
Enteritis (under 2)	1.33	1.40
Violence	0.95	1.05
Enteric Fever	0.05	0.07
All Infectious Diseases	1.33	1.34

(iv) I N F A N T I L E M O R T A L I T Y

(Pages 27 and 28)

The European infantile mortality rate has risen from 31.47 for the preceding year to 41.66 for the present year.

This large increase which at first sight appears somewhat alarming, is attributed to the fact that no fewer than 10 out of a total of 30 infant deaths, occurred on the first day of life, whilst 15 deaths occurred before the end of the first month.

The Coloured and Asiatic infantile mortality rate remain high, whilst the native figure continues to be unreliable owing the incomplete registration of native births.

2. I N F E C T I O U S D I S E A S E (Pages 29 to 36)

(i) GENERAL

The total number of accepted notifications increased from 931 for the preceding year to 1060 for the present year, due principally to increases in notifications in respect of measles (from 231 to 395) and whooping Cough (from 172 to 318)

(ii) SCARLET FEVER (Page 33)

Of the 41 cases notified, two were Coloureds, one native and the remainder all Europeans. As usual all the cases were of a mild nature, with no fatalities. With very few exceptions, home isolation was the rule. In a few instances, owing to poor home conditions, the patients were isolated in hospital.

(iii) WHOOPING COUGH (Page 32)

318 Notifications in respect of Whooping Cough were accepted during the year. Most of the cases were of a milk nature and were invariably isolated at home. No deaths were recorded as having occurred from Whooping Cough, though there appears no doubt that many deaths from this disease must have occurred, death in these instances being attributed (apparently incorrectly) to broncho-pneumonia. The broncho-pneumonia in these cases were undoubtedly secondary to some other disease, either measles or Whooping Cough and not broncho-pneumonia primarily. That this assumption is far wrong is evidenced by the fact that during the seasonal outbreaks of both measles and whooping cough, deaths from broncho-penumonia were at their peak.

(iv) MEASLES (Page 37)

395 cases of measles were notified during the year.

As in past years measles is chiefly prevalent during late winter early spring. (August to November), with its peak during September-October).

Most of the cases were of a mild nature, only three deaths being notified as due to measles (see also note under Whooping Cough above).

(v) DIPHTHERIA (Page 32)

During the year 19 cases of diphtheria (9 European, 9 Native and 1 Asiatic) were accepted during the year, though many more suspected cases were notified. The policy of the department is that all cases and susptected cases are immediately hospitalised from the point of view of adequate treatment for the patient as well as from the point of view of limiting the spread of the disease. Three deaths, all natives, occurred from diphtheria during the year.

As the result of continued press propaganda and the institution of birthday cards, reported upon in the previous report, attendances at the departments anti-diphtheria clinics continue to be well supported. It is pleasing to have to report that the number of children immunised during the year has risen from 396 (375 European) for the previous year to 545 (508 European) for the present year. In addition to this recorded number many more were immunised privately. In the case of children immunised privately, the department in its attempt to encourage wholesale immunisation, provides private practitioners with the necessary vaccine, free of charge.

The method in vogue at Benoni is the "3 injection" course with Formal Toxoid or Anetoxine. To date no difficulties have presented themselves in the choice of this method, though an attempt during the year to use a combined Whooping Cough and Diphtheria vaccine will be made.

(vi) SMALL POX

During the year Benoni was singularly fortunate in that no cases of small pox were notified the department.

(vii) PUERPERAL SEPSIS

During the year 3 cases, all native, with one death were notified.

(viii) C.S. MENINGITIS (Page 33)

The incidence of cerebro-spinal meningitis seems to be increasing, for during the year no fewer than 63 cases (9 European, 43 Mining Native, 9 Non-Mining Native, 1 Coloured and 1 Asiatic) were diagnosed, which diagnosis was confirmed by lumbar puncture) as compared with 39 cases for the previous year, and 16 for the preceding year.

During the year 13 deaths, giving a case mortality of 20.06 %, occurred from cerebro-spinal meningitis.

(ix) TRACHOMA

One case only, in a native, was notified during the year.

(x) LEPROSY

Notifications in respect of three cases, all natives, were received during the year.

(xi) TYPHUS

One case (imported) in a native employed on one of the mines occurred during the year. The native, who was recruited in the Transkei, took ill within a day or two of his arrival in Benoni.

(xii) ANTERIOR POLIOMYELITIS (Page 33)

The Union wide epidemic did not leave Benoni unscathed. Fortunately however the number of reported cases, as was the experience elsewhere occur, was comparatively low, the disease pursuing a relatively mild course in most instances, with relatively few serious sequelae. In addition unreported, abortive cases did no doubt occur. Of the 32 recorded cases, 22 occurred in Europeans, with one death, 9 in non-mining natives, one in a coloured, leaving the Asiatic and Mining Native populations quite untouched. No fatalities occurred amongst the Non-European cases. No differentiation was observed in the sex distribution, 17 of the cases occurring in males, and 15 in females. The most susceptible age groups were between the groups 1 to 4 years and 5 to 9 years as will be seen from the following table:-

AGE	EUROPEAN	NATIVE	COLOURED
Under 1 year		1	
1 year	2	3	
2 years	2	1	
3 years	2		
4 years	1	1	
5-9 years	11	1	1
10 - 14 years	2		
15-19 years		1	
20 years up	2	1	
TOTAL	22	9	1

Of the age group 20 years and over, one case was recorded in a European male aged 35 years, one in a European female aged 23 years, and one in a native female aged 35 years.

Every possible precaution against the spread of the disease, whose mode of transmission is so very uncertain, was undertaken, including the cancellation of school sports, juvenile tennis championships, boxing tournaments etc. etc.

(xiii) ENTERIC FEVER (Page 34)

The usual sporadic number of cases (11 European, 5 Non-Mining native and three Coloured) of Enteric fever is to be recorded. That the number of cases occurring in the location, overcrowded and insanitary as it is where the antiquated type of pail night soil removal service is still in vogue, has as yet not reached epidemic proportions is a matter neither for congratulation nor for consolation. It is merely a question of time, before an explosion occurs unless existing conditions in the location are greatly ameliorated.

A minor epidemic involving 35 mining natives has to be recorded. The history of this outbreak is as follows.

"For many years past some 4 to 6 cases of Enteric Fever from the mines were notified this Department annually. These cases were invariably seasonal i.e. during the summer months. During June, 1947 the mine Medical Officer reported that three patients admitted during May had been diagnosed as suffering from Enteric Fever. This was immediately recognised as being unusal, and consultations were held between the Mine Medical Officer and the Medical Officer of Health. Obviously a milk borne epidemic amongst native mine employees was ruled out, whilst the water supply at this stage was not suspect, in view of the fact that the water supply was from Rand Water Board - an impeccable source of supply. At this stage then it was necessary to ascertain some other incriminating causative factor, and it was decided immediately to re-examine all food handlers. Fifty eight such food handlers were blood tested during the first week of June, 1947.In addition all food handlers employed in neighbouring concession stores were re-tested by this Department, Four positives (Enteric Fever Carriers) were discovered. These positives were immediately excluded as food handlers, and it was assumed that the causative factor was discovered. That this assumption was not far short of the mark can be gauged by the fact that only 3 further cases (2 in June and one in July) of Enteric Fever occurred during the next two months i.e. to 31st July, 1947.

During the first week of August however three further cases of Enteric Fever were diagnosed. It thus became necessary to search for a further causative factor.

It was ascertained from the Compound Manager that much illegal "room-trading" in foodstuffs was taking place, and it was considered that this might now be the source of the trouble as some of these "traders might be positive Enteric Carriers. Investigations were proceeding along this line when for the week ending 10th August 8 cases of Enteric Fever were diagnosed, whilst for the week ending 17 August, 1947, a further 8 cases were diagnosed. It thus became apparent that a more potent force was operating than enteric fever carriers doing illegal "room-trading" in foodstuffs. Further investigation revealed that in addition to the normal supply of water from Rand Water Board, it was possible that native employees were drawing on dam water intended for flushing purposes only and which had never been intended for drinking purposes. Up to this stage the mine management was not aware of the fact that employees would scorn the normal water supply andgo out of their way to obtain water not intended for human consumption. This dam water thus became suspect, and arrangements were made to have this water analysed. Immediately this source of water supply was suspect viz. on 19th August, 1947, these taps were sealed off. The preliminary reports were received on 22nd August, 1947, confirming the suspicion that this dam water was infected, and thus the causative factor in an outbreak of Enteric Fever which commenced during May, 1947!

Five further cases of Enteric in natives employed on this particular mine occurred during the fortnight ended 31st August,1947, and eleven further cases occurred during the fortnight ended 14th September, 1947. These cases were undoubtedly infected prior to the water taps being sealed on the 19th August, 1947. No further cases occurred and the outbreak had obviously been disposed of.

(xiv) <u>TUBERCULOSIS</u> (Pages 29,30,35)

The death rate (0.78) for all forms of T.B. shews a slight decrease over that for the preceding year (0.91). The continued high incidence rate for all forms of T.B.(notifications per 1000population) continues however to remain disquietingly high, being 20.02 as compared with a rate of 2.01 for the preceding year in respect of all non-Europeans.

This continued high incidence rate, as stated in the previous report, must be ascribed partly to a continuance of these insanitary

grossly overcrowded housing conditions under which this section of the population is compelled to live, and partly to their inability to purchase for themselves and their families the necessary protective foods. Undernourishment amongst this section is rife, with a corresponding lowering of vitality and resistance to disease. Overcrowding and undernourishment then go hand in hand to make this section ready victims to the ramp s of the tuberculosis germs, more and more victims being claimed each year. A further potent factor which is responsible for dissiminating this disease amongst this section is the fact that so many cases with frank open Tuberculosis lesions cannot be isolated (i.e hospitalised) particularly during the highly infectiousstages of the disease. This inability in isolating tuberculosis sufferers is not due to any change in policy of the department which is to attempt to isolate by hospitalisation all T.B. cases in the infectious stages. The difficulty, similar difficulties are experienced by all local authorities, is the acute lack of hospital accommodation for patients, both European and Non-European, suffering from this disease. Apart from a ludicrously inadequate number of beds for Non-Europeans at the Rietfontein Hospital, there is no government institution to which Europeans may be admitted. These are admitted to a private Hospital (Springkoell). Months however elapse before a bed for a T.B. patient becomes available. The time appears appropriate for all Reef authorities to combine and press the Governmtn to establish a central T.B. Hospital to alleviate the present critical position brought about by the impossibility of gaurding ag inst infection from spreading owing to the further impossibility of isolating patients. Unless steps are taken now to combat the spread of the disease by the provision of the necessary faciltities for the isolation of patients then it appears a sine qua non that the position, already critical will soon become quite out of hand with disastrous result to the population at risk, thus creating a national (or provincial) emergency of the first magnitude.

All contacts of both proven and doubtful T.B. cases continue to be examined at the T.B. Clinic, where in addition they are T.B. Patch Tested and where necessary X-Rayed. During the year 208 contacts were examined.

3. V E N E R E A L D I S E A S E S (Pages 38 and 39)

Attendances at the Venereal Diseases Clinics continue to increase, the total attendances for the year being 11573, which is a new record (previous highest 9261 for the preceding year).

Previous reports have stressed the ever-increasing tempo of infection amongst the population, particularly Non-Europeans. The pride with which the great industrial expansion of Benoni is hailed, is very largely negatived by the abject living conditions to which the workers (non-Europeans) are subjected. The gross overcrowding that exists, with its attendant lack of amenities, of privacy, of decency, herding the sexes together like cattle, must of necessity breed immorality, vice and crime, which is reflected by the great increase in the incidence of the venereal diseases during the years.

No fewer than 334 cases (7 Europeans) of V.D. in an infectious and communicable form were isolated at the Rietfontein Hospital, as compared with 244 cases (1 European) for the preceding year. At the V.D. Clinics operated by the Department a most alarming increase in the number of new cases treated, is to be noted. No fewer than 1,003 new cases (17 Europeans) were treated as compared with 574 new cases (13 Europeans) for the preceding year. It is obvious that not all sufferers receive treatment; the number of persons suffering from the disease in an infectious and communicable form, despite the

provisions of the Public Health Act, in regard to the
onus be ng placed on persons suffering from the disease to pl
themselves under treatment, the number of persons not receivi
treatment probably far exceeds the number suffering from V.D.
actually present themselves for treatment. These many untreat
cases are thus left to disseminate V.D. ad lib amongst the pop
In an attempt to combat this state of affairs, the times of th
Clinics (for Non-Europeans) has been altered from early aftern
to evening, which probably accounts for the larger attendances
the year.

4. M A T E R N A L A N D C H I L D W E L F A

(a) The Ante-Natal and Infant Welfare clinics continue to show
gratifying all round increase, due no doubt to the realisation
the general public of the important part these clinics play in
ting the expectant mother, and later the future citizens, to
tain maximum health.

The expansion of these clinics can be gauged by the fact t
it became necessary to institute a further weekly session for
Infant Welfare as well as a further weekly clinic for native A
Natal.

The practice of supplying free milk and vegetables to nec
European cases attending the Infant Welfare Clinic was continu
during the year.

(b) The District Midwifery Services, run by the Boksburg-Benon
pital, continue tofulfil the need for these services and conti
to show progress, as evidended by the fact that no fewer than
patients (239 on district and 611 in hospital) all of whom ha
previously been attended at the Department's various Ante-Natal
were confined,(as compared with 692 and 399) for the previous
two years respectively. The large number of cases passing thro
the Department's Ante Natal Clinics and confined through the m
of the District Midwifery Services bear eloquent testimony to t
ever increasing need for the erection in Benoni of a maternity
hospital. The erection of a central maternity block in Benoni
frequently been raised in the past, and though several deputati
have in the past, waited on the Administrator with the request
a hospital be erected in Benoni, it is somewhat disconcerting t
to report that this well founded urgent request has so far met
little or no success.

5. F O O D S T U F F S

Continued attention was paid to the control of foodhand
in shops, restaurants, market, gardens, markets, hotels and boa
houses.

The policy of blood testing all foodhandlers for the En
Fever Carrier State was vigorously pursued throughout the year.
Vi positives were, as far as possible, excluded from foodhandli
trades.

During the year 939 persons were blood tested, of whom
found to be Vi positive, were excluded from the foodhandling tr

For list of foodstuffs condemned see page 43 to 45.

6. A B A T T O I R S (See Pages 49 and 50)

Butcher shops continued to be regularly inspected both
a follow-up inspection, and to check on meat being imported and
without first being submitted for inspection and stamping at the

abattoirs.

No improvement can be noted in regard to the supplies of slaughter stock during the year under review. In fact, except for swine, the number of animals slaughtered shows a further small decline during the year, and falls considerably short of the number of previously dealt with at the abattoirs, prior to the inception of the meat scheme. The monthly number of animals slaughtered also shows considerable variation, ranging from 1334 to 3217.

The annual deficit (£1667) is still high, though considerably than that for the previous year (£3594). This large decrease in the annual deficit has been made possible as the result of the raising of slaughter fees during the previous year, but mainly as the result of the greatly increased production of by products.

7. D A I R I E S A N D M I L K C O N T R O L

(Pages 45 and 46)

Continued attention was given to dairies supplying Benoni with milk. All the dairies which had been licenced during the war have now been re-modelled, rebuilt and re-equipped in accordance with the departments requirements.

All dairy premises, both within and without the municipal area, other than those controlled by a local authority, as well as the premises of all milk distributors, were inspected regularly by the departments' dairies inspector, and the Veterinary Officer as well as by the Medical Officer of Health. Advice was given and suitable action taken where necessary to ensure the hygienic handling of milk. Routine chemical and bacteriological, as well as dirt tests, were taken during the year.

The milk supply of Benoni is as follows:-

1.	(a) Number of producers within municipal area	12
	(b) Number of producers outside municipal area	27
2.	(a) Number of producer-distributors withint municipal area	10
	(b) Number of producer-distributors outside municipal area	1
3.	(a) Number of distributors in municipal area	14
	(b) Number of milkshops in municipal area	41
4.	(a) Daily gallonage of milk produced within municipal area	1342 gal.
	(b) Daily gallonage of milk introduced from outside municipal area	1937 gal.
5.	(a) Daily gallonage of milk pasteurised in municipal area	765 gal.
	(b) Daily gallonage of pasteurised milk introduced in Municipal area	120 gal.
6.	Daily amount of milk supplied to local schools	
	(a) Pasteurised	120 gallons
	(b) Unpasteurised	36 gallons.

8. WATER SUPPLY

The supply for all premises, except certain mines who have their own supply which is restricted to flushing use only and most houses in the semi-rural areas, is drawn from the Rand Water Board. The supply is eminently satisfactory.

9. NIGHT SOIL AND REFUSE REMOVAL SERVICE

The services provided under this heading come under the direct control of the Sanitary Department, as do the street cleansing services, the public conveniences and the Municipal Compound.

Further progress has been made in regard to the projected water borne sanitation for those areas which are still on a tri-weekly pail system. Progress has however been necessarily slow and some considerable time will elapse before these areas can be connected to the main sewer system. In the **interim** many of the industries, as well as certain residential stands, where it has not been possible to instal septic tanks (Rynfield and Westdene townships are so served) have installed conservancy tanks. A daily vacuum tank service has been given to such conservancy tanks. No nuisances have arisen from these conservancy tanks, which give all the luxury of water borne sanitation, and none of the evils of a pail system. The demand for conservancy tanks has exceeded all estimates, and has exceeded the capacity of the existing sewage disposal farm to cope with the resultant effluent, that it became necessary to call a halt for the time being to the erection of any further conservancy tanks.

10. VERMIN CONTROL (Page 51)

Vigorous anti-plague measures were continued throughout the year, including the maintenance of a rodent free belt around the town.

The Location and Asiatic Sections continue to abound in rodents. Despite the most vigorous control measures, complete eradication of rodent here are impossible of achievement, owing to the general dilapidation and overcrowding of wood and iron structures. However the rodent population continues to be kept to a minimum.

11. OTHER SERVICES

(a) EXAMINATION OF TEMPORARY EMPLOYEES (EUROPEAN)

During the year 63 European employees were medically examined, prior to commencing work, in a temporary capacity, with the municipality.

(b) MUNICIPAL FIRE BRIGADE

Medical attention continued to be given by the Department to members (and families) of the Fire Brigade.

(c) NATIVE EMPLOYEES

All native employees, entering Council's service, were examined by the Department, prior to being accepted for service.

In addition all natives, reporting sick were attended by the department. Where necessary, patients requiring more intensive treatment, owing to the gravity of their illness, were admitted to hospital.

(d) RACE WELFARE CLINIC (Page 40)

This clinic remains the only clinic on the East Rand operated by the local authority. It continues to be well attended, supplying the need of the poorer sections of the community in particular. The non-European community too is gradually recognising the need for skilful spacing and limitation of families, and is beginning to make use of the clinic in ever increasing numbers.

(e) PASS OFFICE EXAMINATIONS (Page 40)

Routine examination of all native males registering at the office of the Native Commissioner, and in search of work in Benoni, continues to be under taken by the Department.

(f) BOKSBURG BENONI HOSPITAL OUTPATIENTS (Page 38)

The Boksburg-Benoni Hospital continued to operate a daily (excluding Saturdays, Sundays and public holidays) outpatients services at Benoni, for both Europeans and Non-Europeans, in promises supplied by Council. The European Clinics are held at the Polyclinic, whilst the Non-European clinics are held at the Location Clinic.

(g) DENTAL CLINIC

Despite continued negotiations with the Provincial Administration, no further progress can be recorded with regard to the commencement of this essential serivce. And until such time as the Administration is prepared to contribute its pro rata share towards the cost of operating the clinic, nothing can be done to initiate the services.

The services, gratuitously given, previously rendered the dental clinic by local dentists was withdrawn during the year, as a "silent" protest aginst the seemingly unwarranted procrastination on the part of the administration. Even this action, which left the poorer section completely without dental services, has not been sufficient to wake the authorities from their lethargy. Negotiations will however continue during the comming year, with the hope of eventually finalising the schome.

S T A F F

The Staff as at the 30th June, 1948, was consituted as follows:-

PUBLIC HEALTH DEPARTMENT

Medical Officer of Health	S.V. Adler M.B. ChB, D.P.H. D.T.M. and H.
Assistant Medical Officer of Health	R.F. Denholm M.B. Ch.B D.P.H.
Veterinary Officer (Part Time)	J.V. Schoeman B.Sc. B.Vsc.
Senior Health Inspectors	P.J. Howett R.S.I. J.P. Hamilton R.S.I. Meat and Other Foods

	H.E. Theron	R.S.I. Meat and Other Foods
	N. Youens	R.S.I. Meat and Other Foods Certific to in Tropic l Hygiene
Grade I Health Inspectors	C.F. Kingston	R.S.I.
	J.Pretorius	R.S.I. Meat and Other Foods
	H.F. Smith	R.S.I. Meat and Other Foods
Learner Health Inspectors	W.Coetzee	
	L.A. Folley	
	P.D. Krog	
Vermin Officer	P. Chubb	
Health Visitors	(Miss) G.D. Conradie-Certificate R.S.I. (Health Visitor) Certificate S.A. Medical Council (Midwifery).	
	(Mrs) B. Styles-Certificate S.A. Medical Council (General and Midwifery).	
Clerk	(Miss) R. Heath.	
Typiste	(Miss) L. Geel	

ABATTOIRS

Abattoir Superintendent	B.E. Eager	R.S.I. Meat and Other Foods
Meat Inspector	J. Selby	
Abattoir Mechanics	N. Arthur	
	C. Everett	
By Products Attendant	J.F. Brandt	
Abattoir Cleaners	T.J. Bekker	
	A.J. Liebenberg	

SANITARY DEPARTMENT

Sanitary and Compound Manager	C.R. Begley
Assistant Compound Manager	C. Manos
Sanitary Overseers/Drivers	J.S.H. Fox
	R.I. Hardman
	N. Marais
	J.C. Meier
	H.O. Tee
	D.M. Williams
Farriers	W. Anderton
	J. Jones
Wagon-Smith	G.E. Holland
Harness-Repairer	T. Mc Gheen

Publci Convonience Attendants	T. Flynn Mrs. Dowdeswell	

NON-EUROPEAN STAFF

Native Nurses	Mrs. Tutini	Certificate S.A. Medical Council (Midwifery)
	Mrs.du Plessis	Certificate S.A. Medical Council (General and Midwifery)
Native Health Assistants	J.J. Alberts F. Brink J. Hltashwayo.	

R E P O R T "B"

UPON THE HOUSING OF THE PEOPLE

(1) EUROPEAN HOUSING

During the year 290 private dwellings were erected at a total value of £628,544. Despite the erection of these dwellings the housing position for Europeans in Benoni remains as acute as ever, many European families continueing to be compelled to reside in premises which are unfit, dilapidated and defective. In many instances too gross overcrowding continues in the absence of other more suitable accommodation.

The completion of several blocks of flats during the coming year, together with the extension of the Municipal Housing loans scheme, will, it is hoped, go a long way towards the alleviation of the housing problems of Benoni. The back-log of housing, coupled with the ever increasing population, due not only to the natural increase in population, but also to the expanding industrilisation of Benoni, is such however that several years must elapse before the housing position for Europeans in Benoni can become normal.

(2) COLOURED HOUSING

A commencement has been made in regard to the erection of approximately 100 houses, to house those Coloureds which have congregated in the Eastern portion of the town, where they have been living in squalor amid scenes of indescribable filth and overcrowding. The premises housing them will be dealt with under the Slums Act for demolition, as they cannot be rendered fir for purposes of human habitation. When this has been accomplished, one of the black spots of Benoni will have been removed.

(3) NATIVE HOUSING

Concomitant with the increase of Europeans as the result of the almost daily opening up of new industries, there has been a corresponding increase in the native population. This influx of natives, unable to gain access to the already hopelessly overcrowded location, has overflowed into "Tent Town". Here they have erected shacks of every conceivable type, from mud huts to hessian covered shanties. Essential services, including water, has been supplied by the local authority. The local authority alive to the potential threat of epidemic disease arising from such a mass of humanity living under such sordid conditions, has embarked on an ambitious scheme to rehouse these inhabitants in semi-permanent structures on adjacent land. Some 700 houses will be erected in this "Squatters Camp", and it is hoped to commence building operations shortly.

This "Squatters Camp" cannot, at present, be connected to the sewerage system, but in order to dispense with the iniquitous pail system of nigh soil removal, the innovation of erecting communal latrines, discharging into conserving tanks, will be undertaken.

During the year the following premises were erected within the Municipal area. All building activity (except the coloured housing referred to in a previous paragraph), was confined to the European section of the town, no building operations having taken place in the location.

(1) Number of dwellings erected	290
Value of dwellings erected	£628,544

(2)	Number of flats erected	Nil
	Value of flats erected	Nil
(3)	Number of business premises erected	84
	Value of business premises erected	£387,471
(4)	Number of additions and alternations	130
	Value of additions and alterations	£ 67,980
(5)	Total number of plans dealt with	610
	Total value of plans dealt with	£1,378,532.

TOWN COUNCIL OF BENONI

PUBLIC HEALTH DEPARTMENT

1947 - 1948

LEADING VITAL STATISTICS

FOR THE YEAR ENDING 30TH JUNE

1948

	EURO-PEANS	MINING NAT.	NON MIN. NATS.	COL-OURED	ASIA-TIC	ALL NON. EUR.	ALL RACES
POPULATION	25,025	17,927	28,593	2,820	1170	50510	75,535
RATES:-							
BIRTH RATE	28.77	-	29.02	38.0	52.14	30.05	29.84
ILLEGITIMACY RATE	1.11	-	30.0	23.80	4.92	27.72	17.16
DEATH RATE	6.83	5.08	21.37	21.98	18.80	15.54	12.65
INFANT MORTALITY RATE	41.66	-	302.52	200.00	180.33	287.16	82.66
DEATH RATES:-							
LUNG DISEASES (NON T.B.	1.28	0.72	8.89	7.09	11.11	6.06	4.47
ENTERIC FEVER	0.00	0.28	0.00	0.00	0.00	0.10	0.07
ENTERITIS (UNDER 2 YEARS).	0.19	-	3.25	2.83	0.00	2.00	1.40
VIOLENCE	0.39	1.62	1.22	1.07	0.85	1.34	1.03
T.B. (ALL FORMS)	0.07	0.67	1.47	0.34	1.71	1.12	0.79
CANCER	0.72	0.23	0.35	1.06	0.85	0.35	0.49
SYPHILIS	0.00	0.06	0.28	0.00	0.00	0.18	0.12
ALL INFECTIOUS DISEASE (EXCLUDING SYPHILIS)	0.28	1.56	2.06	1.77	1.70	1.86	1.34
HEART DISEASES	1.79	0.51	1.56	2.48	0.84	1.22	1.41
INFECTIOUS DISEASES;-							
INCIDENCE RATES:-							
SCARLET FEVER	1.52	0.00	0.03	1.71	0.00	0.01	0.55
MEASLES	8.71	4.68	3.08	1.71	2.56	3.50	5.23
PERTUSSIS	6.59	0.00	5.07	2.48	0.85	3.02	4.21
ENTERIC FEVER	0.44	2.39	0.17	1.07	0.00	1.01	0.72
T.B.(ALL FORMS)	0.52	2.24	1.96	0.71	3.41	2.02	1.52
C.S. MENINGITIS	0.36	2.39	0.18	0.35	0.85	1.07	0.83
DIPHTHERIA	0.36	0.00	0.18	0.00	0.85	0.19	0.35
AC. POLIOMYELITIS	0.88	0.00	0.18	0.35	0.00	0.19	0.24

POPULATION

(As supplied by Director of Census)

	MALE	FEMALE	TOTAL
ALL RACES	49.815	25.720	75,535 (74,800)
EUROPEAN	12,735	12,290	25,025 (24,700)
MINING NATIVES	17,927	-	17,927 (19,329)
NON MINING NATIVES	17,223	11,370	28,593 (26,871)
COLOURED	1,335	1,485	2,820 (2,700)
ASIATIC	595	575	1,170 (1,200)
ALL NON-EUROPEAN	37,080	13,430	50,510 (50,100)

(Note:- The figures in brackets represent the population figures as at 30th June 1947).

BIRTHS

(a) TOTAL IN MONTHS

	EUROPEAN			NON MIN NAT.			COLOURED			ASIATIC			ALL RACES		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
JULY	28	29	57	34	32	66	3	5	8	3	0	3	68	66	134
AUGUST	26	36	62	25	38	63	4	4	8	4	2	6	57	82	139
SEPTEMBER	13	20	33	13	10	23	4	4	8	6	2	8	36	36	72
OCTOBER	34	41	75	38	28	66	5	2	7	2	3	5	79	74	153
NOVEMBER	28	40	68	49	59	108	6	5	11	0	1	1	83	105	188
DECEMBER	34	30	64	35	30	65	3	3	6	1	1	2	73	64	137
JANUARY	38	25	63	34	30	64	2	6	8	2	4	6	76	65	141
FEBRUARY	22	31	53	52	39	91	3	7	10	4	5	9	81	82	163
MARCH	34	35	69	37	29	66	5	2	7	1	4	5	77	70	147
APRIL	22	28	50	52	39	91	7	4	11	3	3	6	84	74	156
MAY	29	26	55	36	23	59	6	3	9	1	2	3	72	54	126
JUNE	29	42	71	44	27	71	3	9	12	4	3	7	80	81	161
TOTAL	337	383	720	449	384	833	51	54	105	31	30	61	866	853	1719

(b) TOTAL ILLEGITIMATE BIRTHS

	EUROPEAN	NATIVE	COLOURED	ASIATIC	TOTAL
MALE	3	134	12	2	151
FEMALE	5	125	13	1	144
TOTAL	8	259	25	3	295

(c) TOTAL BIRTHS IN DISTRICTS

	EUROPEAN			NON MIN NAT.			COLOURED			ASIATIC			ALL RACES		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
TOWNSHIP AND WESTDENE	198	226	424	47	51	98	10	11	21	2	3	5	257	291	548
NORTHMEAD	64	74	138	13	10	23	1	0	1				78	84	162
FARRARMERE	12	9	21										12	9	21
RYNFIELD	4	11	15	2	0	2							6	11	17
LOCATION				361	296	657	37	37	74	24	23	47	422	356	778
SEMI RURAL AREAS	21	27	48	0	5	5	0	1	1	2	0	2	23	33	56
NEW KLEINFONTEIN	4	3	7	9	7	16	1	0	1				14	10	24
VAN RYN ESTATE	3	1	4	5	5	10	0	1	1	2	1	3	10	8	18
VAN RYN DEEP	3	2	5	3	2	5							6	4	10
MODDER BEE	9	6	15	3	3	6	2	2	4	0	1	1	14	12	26
MODDER DEEP	4	4	8	2	4	6							6	8	14
MODDER EAST	3	7	10	2	0	2							5	7	12
NEW MODDER	12	13	25	2	1	3	0	2	2	1	2	3	15	18	33
TOTAL	337	383	720	449	384	833	51	54	105	31	30	61	866	853	1719

(d) BIRTH RATES ETC.

	BIRTH RATES BIRTHS PER 1,000 POPULATION	ILLEGITIMACY RATES % ILLEGITIMATE TO TOTAL BIRTHS	MASCULINITY RATES	
			MALE	FEMALES
EUROPEAN	28.77	1.11	88	100
NON MIN. NATIVES (x)	29.02	30.0	117	100
COLOURED	38.0	23.80	94	100
ASIATIC	52.14	4.92	103	100
ALL NON EUROPEANS (x)	30.05	27.72	112	100
ALL RACES (x)	29.84	17.16	102	100

(x) Excluding Mining Natives.

DEATHS

(a) TOTAL DEATHS IN MONTHS

	EUROPEAN			MIN	NON MIN NAT.			COLOURED			ASIATIC			TOTAL		
	M.	F.	T.	NAT.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
JULY	15	11	26	9	24	14	38	1	2	3	0	0	0	49	27	76
AUGUST	10	4	14	6	26	16	42	1	0	1	0	0	0	43	20	63
SEPTEMBER	7	3	10	11	11	12	23	2	0	2	2	0	2	33	15	48
OCTOBER	8	5	13	13	26	21	47	2	3	5	1	1	2	50	30	80
NOVEMBER	8	9	17	9	43	24	67	7	4	11	1	3	4	68	40	108
DECEMBER	10	4	14	6	44	27	71	2	6	8	1	3	4	63	40	103
JANUARY	7	5	12	8	32	28	60	2	2	4	0	0	0	49	35	84
FEBRUARY	6	6	12	10	34	21	55	7	4	11	1	1	2	58	32	90
MARCH	7	3	10	8	35	23	58	3	1	4	1	1	2	54	28	82
APRIL	8	7	15	5	34	34	68	4	1	5	3	1	4	54	43	97
MAY	4	8	12	5	25	15	40	0	2	2	1	0	1	35	25	60
JUNE	7	9	16	1	24	18	42	2	3	5	1	0	1	35	30	65
TOTAL	97	74	171	91	358	253	611	33	28	61	12	10	22	591	365	956

(b) TOTAL DEATHS IN DISTRICTS

	EUROPEAN			MIN	NON MIN NAT.			COLOURED			ASIATIC			TOTAL		
	M.	F.	T.	NAT.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
TOWNSHIP AND WESTDENE	65	51	116	-	37	7	44	6	2	8	0	1	1	108	61	169
NORTHMEAD AND FARRARMERE	15	10	25	-	5	1	6							20	11	31
RYNFIELD	1	1	2	-	1	0	1	0	1	1				2	2	4
LOCATION					289	228	517	26	23	49	12	9	21	327	260	587
SEMI RURAL AREAS	6	2	8		5	4	9							11	6	17
NEW KLEINFONTEIN	2	2	4	34	4	3	7							40	5	45
VAN RYN ESTATES				7	3	1	4							10	1	11
VAN RYN DEEP	1	1	2		2	1	3							3	2	5
MODDER BEE	3	1	4	11	5	4	9	0	1	1				19	6	25
MODDER DEEP	1	0	1	5	0	2	2							6	2	8
MODDER EAST	0	1	1	17	3	0	3							20	1	21
NEW MODDER	3	5	8	17	4	1	5	1	1	2				25	7	32
TOTAL	97	74	171	91	358	253	611	33	28	61	12	10	22	591	365	956

(c) DEATH RATES

(DEATHS PER 1000 POPULATION)

	MALES	FEMALES	TOTAL
EUROPEAN	7.66	6.01	6.83
MINING NATIVES	5.08	-	5.08
NON MINING NATIVES	20.78	22.25	21.37
COLOURED	24.71	18.80	21.98
ASIATIC	20.17	17.39	18.80
ALL NON-EUROPEAN	13.32	21.67	15.54
ALL RACES	11.86	14.44	12.65

(d) DEATHS ÷ TOTAL IN AGE GROUPS

	EUROPEAN			MIN	NON MIN NAT.			COLOURED			ASIATIC			TOTAL		
	M.	F.	T.	NAT.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
0	13	17	30	-	145	106	251	14	7	21	6	5	11	178	135	313
1.....	1	3	4	-	32	36	68	3	3	6				36	42	78
2					15	10	25	1	2	3	0	1	1	16	13	29
3					3	4	7	0	1	1				3	5	8
4	1	0	1		1	3	4							2	3	5
5-9	4	3	7		3	8	11	0	1	1	1	0	1	8	12	20
10-14	0	2	2		6	1	7	0	1	1				6	4	10
15-19	3	0	3	1	7	10	17	2	0	2	1	0	1	14	10	24
20-24	2	1	3	20	11	11	22	2	1	3				35	13	48
25-29	1	1	2	15	15	10	25	0	1	1	0	1	1	31	13	44
30-24	0	1	1	23	23	9	32	2	1	3	0	1	1	48	12	60
35-39	4	3	7	10	20	1	21	1	0	1				35	4	39
40-44	3	1	4	6	16	9	25	1	0	1	0	1	1	26	11	37
45-49	4	0	4	3	22	2	24	1	0	1				30	2	32
50-54	8	3	11	6	10	4	14	1	0	1	1	0	1	26	7	33
55-59	4	3	7	5	6	8	14	1	1	2	0	1	1	16	13	29
60-64	10	12	22		7	6	13	1	2	3				18	20	38
65-69	7	7	14	2	8	5	13	1	1	2				18	13	31
70-74	11	7	18		2	5	7	1	1	2				14	13	27
75-79	10	4	14		2	2	4	0	2	2	1	0	1	15	6	21
80 up	11	6	17		4	3	7	1	3	4	2	0	2	18	12	30
TOTAL	97	74	171	91	358	253	611	33	28	61	12	10	22	591	365	956

DETAILED CAUSES OF DEATH

	EUROPEAN			MIN	NON MIN NAT.			COLOURED			ASIATIC			TOTAL		
	M.	F.	T.	NAT.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
INFECTIOUS DISEASES																
001 Enteric				5										5	0	5
008 C.S.Meningitis	1	1	2	5	3	0	3	1	2	3				10	3	13
011 Measles	1	0	1		1	1	2							2	1	3
012 Diphtheria					2	1	3							2	1	3
TUBERCULOSIS																
015 Respiratory	1	0	1	5	24	13	37	1	0	1	0	2	2	31	15	46
016 C.N.S.				1	1	0	1							2	0	2
018 Vertebrae				1										1	0	1
024 Ac. Miliary				4	3	1	4							7	1	8
025 Chr.Miliary				1										1	0	1
027 Septicaemia				1										1	0	1
DYSENTERY:-																
032 BACILLARY					1	0	1							1	0	1
033 AMOEBIC					1	0	1							1	0	1
SYPHILIS																
040 TABES					0	1	1							0	1	1
041 C.P.I.					1	0	1							1	0	1
042 Aneurysm				1	2	1	3							3	1	4
043 Congenital					2	0	2							2	0	2
044 Others					1	0	1							1	0	1
048 Influenzal pneumonia	2	0	2	4	7	0	7	0	1	1				13	1	14
053 Ac. Polio	1	0	1											1	0	1
071 Bilharzia				1										1	0	1
TOTAL	6	1	7	29	49	18	67	2	3	5	0	2	2	86	24	110

DETAILED CAUSES OF DEATH CONTINUED

	EUROPEAN M.	F.	T.	MIN NAT.	NON MIN NAT. M.	F.	T.	COLOURED M.	F.	T.	ASIATIC M.	F.	T.	TOTAL M.	F.	T.
II CANCER																
100 Mouth	1	0	1											1	0	1
102 Stomach	2	0	2		1	0	1							3	0	3
103 Rectum	1	0	1		0	1	1							1	1	2
104 Liver				2	2	0	2							4	0	4
106 Other Digestive organs	0	4	4	1				0	1	1				1	5	6
107 Larynx	0	1	1											0	1	1
108 Mediastinum					1	1	2							1	1	2
109 Lung	1	0	1		0	1	1							1	1	2
110 Uterus	0	1	1		0	1	1				0	1	1	0	3	3
111 Other Female Genital Organs	0	2	2		0	1	1	0	1	1				0	4	4
112 Breast	0	1	1											0	1	1
115 Urinary Organs	0	1	1					0	1	1				0	2	2
118 Bones				1	1	0	1							2	0	2
119 Unspecified organs	0	3	3											0	3	3
TOTAL	5	13	18	4	5	5	10	0	3	3	0	1	1	14	22	36
III RHEUMATISM ETC.																
152 Diabetes	2	2	4											2	2	4
158 Tetany								0	1	1				0	1	1
163 Malnutrition	2	0	2		4	6	10							6	6	12
167 Beri-Beri					1	0	1							1	0	1
168 Pellagra					3	5	8							3	5	8
TOTAL	4	2	6	0	8	11	19	0	1	1	0	0	0	12	14	26
IV DISEASES OF BLOOD																
200 Purpura					1	0	1							1	0	1
207 Leukaemia	1	1	2		1	0	1							2	1	3
217 Agranulocytosis				1										1	0	1
TOTAL	1	1	2	1	2	0	2	0	0	0	0	0	0	4	1	5
VI DISEASES OF THE C.N.S.																
300 Cranial Abscess					2	1	3	1	0	1				3	1	4
302 Pneumococcal Meningitis	1	0	1	1										2	0	2
305 Cerebral Haemorrhage	4	4	8	1	2	6	8							7	10	17
306 Cerebral Thrombosis	1	1	2	1				0	1	1				2	2	4
309 Epilepsy					0	1	1							0	1	1
310 Convulsions											0	1	1	0	1	1
317 Mastoiditis				1							1	0	1	2	0	2
TOTAL	6	5	11	4	4	8	12	1	1	2	1	1	2	16	15	31

DETAILED CAUSES OF DEATH CONTINUED

	EUROPEAN M.	F.	T.	MIN NAT.	NON MIN NAT. M.	F.	T.	COLOURED M.	F.	T.	ASIATIC M.	F.	T.	TOTAL M.	F.	T.
VII DISEASES OF THE CIRCULATORY SYSTEM.																
PERICARDITIS:-																
350 Chronic	0	1	1											0	1	1
351 Other				4	1	1	2							5	1	6
352 Ac: Endocarditis	1	0	1	1				0	1	1	1	0	1	3	1	4
VALNULAR DISEASE																
353 Rheumatic	0	1	1		4	1	5							4	2	6
354 Other					3	3	6							3	3	6
MYOCARDITIS																
356 Rheumatic					2	1	3							2	1	3
357 Chronic	6	4	10	3	8	11	19	1	2	3				18	17	35
358 Coronary Disease	21	6	27	1	3	1	4	1	0	1				26	7	33
359 Rheumatic Heart	0	1	1		0	1	1							0	2	2
331 Aneurysm								1	0	1				1	0	1
362 Arterio Sclerosis	1	2	3		0	1	1							1	3	4
367 Hyperpiesis	0	1	1		2	1	3	1	0	1				3	2	5
368 Other Heart Diseases					0	1	1							0	1	1
TOTAL	29	16	45	9	23	22	45	4	3	7	1	0	1	66	41	107
VIII DISEASES OF THE RESPIRATORY SYSTEM																
400 Nasal Disease					0	1	1							0	1	1
401 Laryngitis	0	1	1											0	1	1
BRONCHITIS																
402 Acute					2	0	2	1	0	1				3	0	3
403 Chronic	0	2	2		1	1	2	1	0	1				2	3	5
PNEUMONIA																
404 Broncho	6	4	10	2	85	71	156	9	3	12	5	4	9	107	82	189
405 Cobar	4	1	5	3	47	26	73	2	1	3	2	2	4	58	30	88
406 Unspecified	1	1	2	2	4	2	6	0	1	1				7	4	11
409 Pulmonary Embolus	1	0	1		2	0	2	1	0	1				4	0	4
411 Asthma	0	3	3		0	1	1							0	4	4
412 Emphysaema	1	0	1											1	0	1
MINERS PHTHISIS																
413 Without T.B.	4	0	4											4	0	4
414 With T.B.	1	0	1											1	0	1
417 Lung Absess				2										2	0	2
TOTAL	18	12	30	9	141	102	243	14	5	19	7	6	13	189	125	314
IX DISEASES OF THE DIGESTIVE SYSTEM																
455 Gastric Ulcer					1	0	1							1	0	1
458 Enteritis	2	3	5		47	46	93	6	2	8				55	51	106
459 Diarrhoea				1	3	2	5	0	1	1				4	3	7
461 Appendicitis	1	0	1		0	1	1							1	1	2
463 Intestinal Obstruction				2	2	1	3							4	1	5
467 Liver Cirrhosis	1	0	1	1				0	1	1				2	1	3
468 Acute Yellow Atrophy of Liver					0	1	1							0	1	1
469 Other Liver Diseases					2	0	2							2	0	2
470 Biliary Calculi	0	1	1											0	1	1
473 Peritonitis				2	0	1	1							2	1	3
TOTAL	4	4	8	6	55	52	107	6	4	10	0	0	0	71	60	131

DETAILED CASES OF DEATH CONTINUED

	EUROPEAN M.	F.	T.	MIN NAT.	NON MIN NAT. M.	F.	T.	COLOURED M.	F.	T.	ASIATIC M.	F.	T.	TOTAL M.	F.	T.
X DISEASES OF THE URINARY SYSTEM.																
NEPHRITIS:-																
500 Acute					1	1	2							1	1	2
501 Chronic	3	1	4		0	1	1	1	1	2				4	3	7
502 Unspecified					1	0	1							1	0	1
TOTAL	3	1	4		2	2	4	1	1	2	0	0	0	6	4	10
XI DISEASES OF PREGNANCY																
550 Spontaneous Abortion	0	1	1											0	1	1
558 Eclampsia	0	1	1		0	1	1							0	2	2
567 Puerperal Infection					0	1	1							0	1	1
570 Puerperal Eclamsia					0	2	2							0	2	2
574 Other Diseases of Pregnancy					0	1	1							0	1	1
TOTAL	0	2	2		0	5	5	0	0	0	0	0	0	0	7	7
XII DISEASES OF THE SKIN																
601 Acute Absess	1	0	1		0	1	1	0	0	0	0	0	0	1	1	2
XIV CONGENITAL MALFORMATIONS																
700 Hydrocephalus	0	1	1		1	0	1							1	1	2
702 Heart	1	2	3											1	2	3
708 Other	0	1	1		1	1	2							1	2	3
TOTAL	1	4	5		2	1	3	0	0	0	0	0	0	3	5	8
XV DISEASES PECULIAR TO FIRST YEAR OF LIFE																
750 Debility					0	1	1							0	1	1
751 Prematurity	5	6	11		23	15	38	2	2	4				30	23	53
BIRTH INJURY																
752 Intra Cranial					2	0	2							2	0	2
753 Other					1	0	1							1	0	1
754 Atelectasis	0	2	2		4	2	6	0	1	1				4	5	9
757 Melaena					2	0	2	1	0	1				3	0	3
758 Other Diseases					3	0	3				1	0	1	4	0	4
TOTAL	5	8	13		35	18	53	3	3	6	1	0	1	44	29	73
XVI SENILITY (80 YEARS AND OVER)																
800 Senility	6	3	9		3	2	5	1	2	3	1	0	1	11	7	18
XVII VIOLENT OR ACCIDENTAL DEATHS																
SUICIDE																
856 Hanging	1	1	2											1	1	2
858 Firearms	1	0	1											1	0	1
HOMICIDE																
865 Firearms								1	0	1				1	0	1
866 Cutting Instruments				3	12	0	12							15	0	15
867 Other means					2	2	4							2	2	4

DETAILED CAUSES OF DEATH CONTINUED

	EUROPEAN M.	F.	T.	MIN NAT.	NON MIN NAT. M.	F.	T.	COLOURED M.	F.	T.	ASIATIC M.	F.	T.	TOTAL M.	F.	T.
XVII VIOLENT OR ACCIDENTAL DEATHS (Continued)																
ACCIDENTAL																
868 Railways					1	0	1							1	0	1
877 Motor Vehicles	1	1	2	1	4	1	5							6	2	8
880 Mines				20										20	0	20
888 Gases					1	1	2							1	1	2
891 Burns	2	0	2								1	0	1	3	0	3
892 Suffocation				2										2	0	2
893 Drowning	2	0	2	1	2	0	2							5	0	5
896 Accidental Fall				1	2	1	3							3	1	4
903 Lightning					2	0	2							2	0	2
904 Electrocution	1	0	1											1	0	1
953 Unspecified				1	3	1	4	0	2	2				4	3	7
TOTAL	8	2	10	29	29	6	35	1	2	3	1	0	1	68	10	78

1. V I O L E N C E

(a) TOTAL DEATHS : CAUSES

	EUROPEAN M.	F.	T.	MIN NAT.	NON. MIN. NAT. M.	F.	T.	COLOURED M.	F.	T.	ASIATIC M.	F.	T.	TOTAL M.	F.	T.
SUICIDE	2	1	3	-										2	1	3
HOMICIDE				6	14	2	16	1	0	1				21	2	23
ROAD ACCIDENTS	1	1	2	1	5	1	6							7	2	9
MINE ACCIDENTS				20										20	0	20
BURNS	2	0	2								1	0	1	3	0	3
DROWNING	2	0	2	1	2	0	2							5	0	5
OTHERS	1	0	1	1	8	3	11	0	2	2				10	5	15
TOTAL	8	2	10	29	29	6	35	1	2	3	1	0	1	68	10	78

(b) DEATHS IN AGE GROUPS

	EUROPEAN M.	F.	T.	MIN NAT.	NON. MIN NAT. M.	F.	T.	COLOURED M.	F.	T.	ASIATIC M.	F.	T.	TOTAL M.	F.	T.
Under 1 year					0	1	1							0	1	1
1-4					0	1	1							0	1	1
5-9	2	1	3		2	0	2				1	0	1	5	1	6
10-14														0	0	0
15-19	2	0	2		1	1	2	1	0	1				4	1	5
20-24				5	3	1	4							8	1	9
25-29	1	0	1	4	3	2	5							8	2	10
30-34				14	12	0	12							26	0	26
35-39				5	3	0	3							8	0	8
40-44				1	3	0	3							4	0	4
45-49	1	0	1		1	0	1							2	0	2
50-54					1	0	1							1	0	1
55-59	0	1	1											0	1	1
60-64								0	2	2				0	2	2
65-69														0	0	0
70-74	1	0	1											1	0	1
75 and over	1	0	1											1	0	1
TOTAL	8	2	10	29	29	6	35	1	2	3	1	0	1	68	10	78

(c) DEATH RATES PER 1000 POPULATION PER ANNUM

	MALES	FEMALES	TOTAL
EUROPEANS	0.63	0.16	0.39
MINE NATIVES	1.62	-	1.62
NON MIN NATIVES	1.68	0.53	1.22
COLOURED	0.73	1.35	1.07
ASIATIC	1.68	0.00	0.85
ALL NON-EUROPEANS	1.62	0.59	1.34
ALL RACES	1.38	0.39	1.03

2. HEART DISEASE

(a) TOTAL DEATHS : CAUSES

	EUROPEAN			MIN	NON MIN NAT.			COLOURED			ASIATIC			TOTAL		
	M.	F.	T.	NAT.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
PERICARDITIS	0	1	1	4	1	1	2							5	2	7
ENDOCARDITIS	1	0	1	1				0	1	1	1	0	1	3	1	4
MYOCARDITIS	6	4	10	3	10	12	22	1	2	3				20	18	38
VALVULAR DISEASE	0	1	1		7	4	11							7	5	12
CORONARY DISEASE	21	6	27	1	3	1	4	1	0	1				26	7	33
OTHERS	1	4	5		2	4	6	2	0	2				5	8	13
TOTAL	29	16	45	9	23	22	45	4	3	7	1	0	1	66	41	107

(b) DEATHS IN AGE GROUPS

	EUROPEAN			MIN	NON MIN NAT.			COLOURED			ASIATIC			TOTAL		
	M.	F.	T.	NAT.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Under 1 Year					1	0	1							1	0	1
1-4					0	1	1							1	2	3
5-9	1	1	2		0	1	1							0	2	2
10-14	0	1	1		4	2	6				1	0	1	5	2	7
15-19					1	1	2	1	0	1				3	1	4
20-24				1	2	0	2	0	1	1				3	1	4
25-29				1				1	0	1				3	1	4
30-34	0	1	1	2				1	0	1				3	1	4
35-39	1	0	1	1										2	0	2
40-44	2	0	2	1	2	1	3	1	0	1				6	1	7
45-49	3	0	3		2	1	3							5	1	6
50-54	2	2	4	1	4	1	5							7	3	10
55-59	1	1	2	2	2	5	7							5	6	11
60-64	5	3	8		3	3	6							8	6	14
65-69	2	3	5		2	4	6							4	7	11
70-74	6	2	8		0	2	2	1	1	2				7	5	12
75 and over	6	2	8					0	1	1				6	3	9
TOTAL	29	16	45	9	23	22	45	4	3	7	1	0	1	66	41	107

(c) DEATH RATES PER 1000 POPULATION PER ANNUM

	MALES	FEMALES	TOTAL
EUROPEANS	2.28	1.30	1.79
MINING NATIVES	0.51	-	0.51
NON-MINING NATIVES	1.33	1.93	1.56
COLOURED	3.0	2.0	2.48
ASIATIC	1.68	0.00	0.84
ALL NON EUROPEANS	0.99	1.87	1.22
ALL RACES	1.33	1.62	1.41

C A N C E R

(a) DEATHS IN AGE GROUPS

	EUROPEAN			MIN NAT.	NON MIN NAT.			COLOURED			ASIATIC			TOTAL		
	M.	F.	T.		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
0-14														0	0	0
15-19														0	0	0
20-24					0	1	1	0	1	1				0	2	2
25-29				2										2	0	2
30-34														0	0	0
35-39	0	1	1		1	0	1							1	1	2
40-44	1	1	2		1	1	2							2	2	4
45-49					1	0	1							1	0	1
50-54				2	0	1	1							2	1	3
55-59	1	1	2					0	1	1	0	1	1	1	3	4
60-64	0	3	3		1	0	1							1	3	4
65-69	0	3	3		1	1	2	0	1	1				1	5	6
70-74	1	1	2		0	1	1							1	2	3
75 and over	2	3	5											2	3	5
TOTAL	5	13	18	4	5	5	10	0	3	3	0	1	1	14	22	36

(b) DEATH RATES PER 1000 POPULATION PER ANNUM

	MALES	FEMALES	TOTAL
EUROPEANS	0.39	1.06	0.72
MIN NATIVES	0.23	-	0.23
NON MIN NATIVES	0.29	0.44	0.35
COLOUREDS	0.00	2.02	1.06
ASIATICS	0.00	1.75	0.85
ALL NON EUROPEAN	0.27	0.67	0.35
ALL RACES	0.28	0.87	0.48

RESPIRATORY DISEASE (INCLUDING INFLUENZAL PNEUMONIA)

(a) TOTAL DEATHS : CAUSES

	EUROPEAN			MIN	NON MIN NAT.			COLOURED			ASIATIC			TOTAL		
	M.	F.	T.	NAT.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
BRONCHITIS	0	2	2	0	3	1	4	2	0	2				5	3	8
PENUMONIA (ALL FORMS)	11	6	17	7	136	99	135	11	5	16	7	6	13	172	116	288
OTHER DISEASES	9	4	13	6	9	2	11	1	1	2				25	7	32
TOTAL	20	12	32	13	148	102	250	14	6	20	7	6	13	202	126	338

(b) DEATHS IN AGE GROUPS

	EUROPEAN			MIN	NON MIN NAT.			COLOURED			ASIATIC			TOTAL		
	M.	F.	T.	NAT.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
UNDER 1 YEAR	3	2	5		69	53	122	8	2	10	4	4	8	84	61	145
1-4	0	2	2		24	26	50	1	4	5	0	1	1	25	33	58
5-9					1	3	4							1	3	4
10-14	0	1	1		2	0	2							2	1	3
15-19					0	3	3							0	3	3
20-24				1	2	0	2							3	0	3
25-29	1	0	1	2	3	3	6							6	3	9
30-34				4	8	4	12				0	1	1	12	5	17
35-39	3	1	4	2	10	0	10							15	1	16
40-44					5	2	7							5	2	7
45-49					15	0	15	1	0	1				16	0	16
50-54	3	0	3	2	5	1	6				1	0	1	11	1	12
55-59	3	0	3	2				2	0	2				7	0	7
60-64	1	2	3		1	1	2	1	0	1				3	3	6
65-69	4	2	6		0	2	2	1	0	1				5	4	9
70-74	1	2	3		1	2	3							2	4	6
75 and over	1	0	1		2	2	4				2	0	2	5	2	7
TOTAL	20	12	32	13	148	102	250	14	6	20	7	6	13	202	126	338

(c) DEATH RATES PER 1000 POPULATION PER ANNUM

	MALES	FEMALES	TOTAL
EUROPEANS	1.57	0.97	1.28
MIN NATIVES	0.72	-	0.72
NON MIN NATIVES	8.59	9.04	8.89
COLOUREDS	10.04	4.04	7.09
ASIATICS	11.76	10.43	11.11
ALL NON-EUROPEANS	4.90	8.42	6.06
ALL RACES	4.05	5.00	4.47

INFANTILE MORTALITY

(a) DEATHS IN MONTHS

	EUROPEAN			NON MIN NAT.			COLOURED			ASIATIC			TOTAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
JULY	0	3	3	10	7	17	0	1	1				10	11	21
AUGUST	2	1	3	6	4	10	1	0	1				9	5	14
SEPTEMBER	1	0	1	4	4	8	1	0	1	2	0	2	8	4	12
OCTOBER	2	0	2	11	7	18				1	1	2	14	8	22
NOVEMBER	3	3	6	19	8	27	3	2	5	0	1	1	25	14	39
DECEMBER	1	2	3	13	11	24	1	1	2	0	1	1	15	15	30
JANUARY	0	2	2	13	13	26	1	0	1				14	15	29
FEBRUARY	3	4	7	13	11	24	1	1	2	0	1	1	17	17	34
MARCH	0	1	1	17	10	27	2	0	2				19	11	30
APRIL	0	1	1	17	15	32	2	0	2	2	1	3	21	17	38
MAY				11	5	16							11	5	16
JUNE	1	0	1	12	11	23	2	2	4	1	0	1	16	13	29
TOTAL	13	17	30	146	106	252	14	7	21	6	5	11	179	135	314

(b) CAUSES OF DEATH

	EUROPEAN			NON MIN NAT			COLOURED			ASIATIC			TOTAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
008 C.S.M.	0	1	1	1	0	1							1	1	2
011 PERTUSSIS	1	0	1	1	0	1							2	0	2
015 PULMONARY T.B.				1	0	1							1	0	1
043 CONGENITAL SYPHILIS				2	0	2							2	0	2
158 TETANY							0	1	1				0	1	1
163 MALNUTRITION	2	0	2	3	4	7							5	4	9
168 PELLAGRA				1	1	2							1	1	2
309 EPILEPSY				0	1	1	0	1	1	0	1	1	0	3	3
401 LARYNGEAL DISEASE	0	1	1										0	1	1
402 ACUTE BRONCHITIS PNEUMONIA				2	0	2	1	0	1				3	0	3
404 BRONCHO	3	1	4	54	44	98	6	1	7	2	3	5	65	49	114
405 LOBAR PNEUMONIA				10	9	19	1	1	2	2	1	3	13	11	24
403 UNSPECIFIED "							0	2	2				0	2	2
458 ENTERITIS	1	3	4	33	27	60	3	0	3				37	30	67
700 HYDROCEPHALUS	0	1	1	1	0	1							1	1	2
702 CONGENITAL HEART	1	2	3										1	2	3
708 CONGENITAL(OTHER)				1	1	2							1	1	2
751 PREMATURITY	5	6	11	23	15	38	2	0	2				30	21	51
752 BIRTH INJURY (HEAD)				2	0	2							2	0	2
753 OTHER BIRTH INJURY				1	0	1							1	0	1
754 ATELECTASIS	0	2	2	4	3	7	0	1	1				4	6	10
755 INFECTIONS				2	1	3							2	1	3
757 MELAENA							1	0	1				1	0	1
758 HAEMORRHAGE				3	0	3				1	0	1	4	0	4
317 MASTOIDITIS										1	0	1	1	0	1
TOTAL	13	17	30	146	106	252	14	7	21	6	5	11	179	135	314

(c) DEATHS IN AGE GROUPS

	EUROPEAN			NON MIN NAT.			COLOURED			ASIATIC			TOTAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1st Day	5	5	10	19	9	28	2	2	4				26	16	42
1st Week	0	2	2	7	7	14	0	1	1	0	1	1	7	11	18
2nd Week	0	2	2	16	5	21				1	0	1	17	7	24
3rd Week	0	1	1	9	3	12	2	0	2	0	1	1	11	5	16
1 Month	1	1	2	8	11	19							9	12	21
2-3 Months	2	3	5	22	19	41	2	1	3	2	1	3	28	24	52
4-5 Months	2	0	2	11	15	26	5	0	5	1	1	2	19	16	35
6-8 Months	3	2	5	30	23	53	1	1	2	1	0	1	35	26	61
9-12 Months	0	1	1	24	14	38	2	2	4	1	1	2	27	18	45
TOTAL	13	17	30	146	106	252	14	7	21	6	5	11	179	135	314

(d) INFANTILE MORTALITY RATES

	MALE	FEMALE	TOTAL
EUROPEAN	38.58	44.65	41.66
NON MIN NATIVE	325.21	276.04	302.52
COLOUREDS	270.98	111.11	200.00
ASIATICS	196.79	166.66	180.33
ALL NON EUROPEANS	313.80	251.07	287.16
ALL RACES	206.70	160.04	182.66

ENTERITIS (UNDER 2 YEARS)

(a) DEATHS IN MONTHS

	EUROPEAN			NON MIN NAT.			COLOURED			ASIATIC			TOTAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
JULY				2	0	2							2	0	2
AUGUST	1	0	1	1	0	1	1	0	1				3	0	3
SEPTEMBER													0	0	0
OCTOBER				2	2	4							2	2	4
NOVEMBER	0	1	1	5	5	10	2	0	2				7	6	13
DECEMBER				7	7	14	1	2	3				8	9	17
JANURARY	0	1	1	5	13	18							5	14	19
FEBRUARY	1	1	2	6	8	14	1	0	1				8	9	17
MARCH				9	6	15	1	0	1				10	6	16
APRIL				5	3	8							5	3	8
MAY				2	1	3							2	1	3
JUNE				3	1	4							3	1	4
TOTAL	2	3	5	47	46	93	6	2	8	0	0	0	55	51	106

(b) DEATH RATES PER 1000 POPULATION PER ANNUM

EUROPEAN	0.19
NON MIN NATIVES	3.25
COLOUREDS	2.83
ASIATICS	0.00
ALL NON EUROPEAN	2.00
ALL RACES	1.40

PULMONARY T.B. (INCLUDING 414)

(a) DEATHS IN MONTHS

	EUROPEAN			MIN	NON MIN NAT.			COLOURED			ASIATIC			TOTAL		
	M.	F.	T.	NAT.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
JULY				1	0	1	1							1	1	2
AUGUST					0	2	2							0	2	2
SEPTEMBER	1	0	1		1	1	2							2	1	3
OCTOBER				1	2	0	2	1	0	1				4	0	4
NOVEMBER					1	2	3				0	1	1	1	3	4
DECEMBER	1	0	1		2	2	4				0	1	1	3	3	6
JANUARY				1	9	2	11							10	2	12
FEBRUARY														0	0	0
MARCH				1	1	1	2							2	1	3
APRIL					3	1	4							3	1	4
MAY				1	5	1	6							6	1	7
JUNE														0	0	0
TOTAL	2	0	2	5	24	13	37	1	0	1	0	2	2	32	15	47

(b) DEATHS IN AGE GROUPS

	EUROPEAN			MIN	NON MIN NAT.			COLOURED			ASIATIC			TOTAL		
	M.	F.	T.	NAT.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
UNDER 1					1	0	1							1	0	1
1-4					1	1	2							1	1	2
5-9					0	1	1							0	1	1
10-14					2	2	4							2	2	4
15-19				1	1	7	8							2	7	9
20-24				1	4	0	4							5	0	5
25-29					2	1	3				0	1	1	2	2	4
30-34					3	0	3	1	0	1				4	0	4
35-39				1	1	0	1							2	0	2
40-44				1	2	1	3				0	1	1	3	2	5
45-49				1	2	0	2							3	0	3
50-54	1	0	1											1	0	1
55-59					1	0	1							1	0	1
60-64	1	0	1		2	0	2							3	0	3
65-69					2	0	2							2	0	2
70-74														0	0	0
75 AND OVER														0	0	0
TOTAL	2	0	2	5	24	13	37	1	0	1	0	2	2	32	15	47

(c) DEATHS PER 1,000 POPULATION PER ANNUM

	MALES	FEMALES	TOTAL
EUROPEANS	0.16	0.00	0.08
MINING NATIVES	0.23	-	0.28
NON-MINING NATIVES	1.39	1.14	1.29
COLOURED	0.71	0.00	0.35
ASIATICS	0.00	3.46	1.70
ALL NON EUROPEANS	0.81	1.12	0.89
ALL RACES	0.64	0.59	0.62

T.B. ALL FORMS (INCLUDING 414)

(a) DEATHS IN MONTHS

	EUROPEAN			MIN	NON MIN NAT.			COLOURED			ASIATIC			TOTAL		
	M.	F.	T.	NAT.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
JULY				2	1	1	2							3	1	4
AUGUST					1	2	3							1	2	3
SEPTEMBER	1	0	1	1	1	1	2							3	1	4
OCTOBER				3	2	0	2	1	0	1				6	0	6
NOVEMBER					2	2	4				0	1	1	2	3	5
DECEMBER	1	0	1	1	2	2	4				0	1	1	4	3	7
JANUARY				1	9	2	11							10	2	12
FEBRUARY					1	1	2							1	1	2
MARCH				3	1	1	2							4	1	5
APRIL					3	1	4							3	1	4
MAY				1	5	1	6							6	1	7
JUNE														0	0	0
TOTAL	2	0	2	12	28	14	42	1	0	1	0	2	2	43	16	59

(b) DEATHS IN AGE GROUPS

	EUROPEAN			MIN	NON MIN NAT.			COLOURED			ASIATIC			TOTAL		
	M.	F.	T.	NAT.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
UNDER 1					1	0	1							1	0	1
1-4					2	1	3							2	1	3
5-9					0	1	1							0	1	1
10-14					2	2	4							2	2	4
15-19				1	1	7	8							2	7	9
20-24				3	5	1	6							8	1	9
25-29					3	1	4				0	1	1	3	2	5
30-34				2	3	0	3	1	0	1				6	0	6
35-39				1	2	0	2							3	0	3
40-49				3	2	1	3				0	1	1	5	2	7
45-44				2	2	0	2							4	0	4
50-54	1	0	1											1	0	1
55-59					1	0	1							1	0	1
60-64	1	0	1		2	0	2							3	0	3
65-69					2	0	2							2	0	2
70-74														0	0	0
75 AND OVER														0	0	0
TOTAL	2	0	2	12	28	14	42	1	0	1	0	2	2	43	16	59

(c) DEATHS PER 1000 POPULATION PER ANNUM

	MALES	FEMALES	TOTAL
EUROPEAN	0.16	0.00	0.07
MINING NATIVES	0.67	-	0.67
NON MINING NATIVES	1.62	1.23	1.47
COLOURED	0.75	0.00	0.34
ASIATIC	0.00	3.48	1.71
ALL NON-EUROPEANS	1.10	1.18	1.12
ALL RACES	0.88	0.63	0.78

INFECTIOUS DISEASES

(a) NOTIFICATIONS IN MONTHS

	EUROPEAN	MIN NAT.	NON MIN NAT.	COLOURED.	ASIATIC.	TOTAL
JULY	29	20	16	0	1	66
AUGUST	22	50	26	1	2	101
SEPTEMBER	50	28	20	1	1	100
OCTOBER	152	8	36	2	0	198
NOVEMBER	81	21	56	1	0	159
DECEMBER	28	25	27	0	0	80
JANUARY	20	23	31	2	1	77
FEBRUARY	37	7	21	1	0	66
MARCH	25	10	15	2	1	53
APRIL	19	4	11	3	1	38
MAY	19	14	25	2	2	62
JUNE	5	1	50	3	1	60
TOTAL	487	211	334	18	10	1060

(b) NOTIFICATIONS RECEIVED AND ACCEPTED

DISEASE	EUROPEAN	MIN NAT.	NON MIN NAT.	COLOURED	ASIATIC	TOTAL
MEASLES	218	84	88	2	3	395
WHOOPING COUGH	165	0	145	7	1	318
SCARLET FEVER	38	0	1	2	0	41
C.S. MENINGITIS	9	43	9	1	1	63
DIPHTHERIA	9	0	9	0	1	19
TYPHOID	11	43	5	3	0	62
PULMONARY T.B.	11	34	48	2	4	99
NON PULMONARY T.B.	2	6	8	0	0	16
ERYSIPELAS	2	0	1	0	0	3
ENCEPHALITIS	0	0	1	0	0	1
TYPHUS	0	1	0	0	0	1
OPHTHALMIA	0	0	4	0	0	4
AC. POLIOMYELITIS	22	0	9	1	0	32
PUERPERAL SEPSIS	0	0	3	0	0	3
TRACHOMA	0	0	1	0	0	1
LEPROSY	0	0	3	0	0	3
TOTAL	487	211	334	18	10	1060

(c) MEASLES

NOTIFICATIONS IN MONTHS

	EUROPEAN			MIN	NON MIN NAT.			COLOURED			ASIATIC			TOTAL		
	M.	F.	T.	NAT.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
JULY	8	12	20	8	0	2	2							16	14	30
AUGUST	3	3	6	22	3	3	6	0	1	1	0	1	1	28	8	36
SEPTEMBER	18	10	28		4	5	9				0	1	1	22	16	38
OCTOBER	44	54	98		8	13	21	1	0	1				53	67	120
NOVEMBER	16	31	47	13	11	10	21							40	41	81
DECEMBER	3	5	8	17	8	7	15							28	12	40
JANUARY	1	5	6	15	5	6	11				1	0	1	22	11	33
FEBRUARY	3	2	5	2	1	1	2							6	3	9
MARCH				6	1	0	1							7	0	7
APRIL														0	0	0
MAY				1										1	0	1
JUNE														0	0	0
TOTAL	96	122	218	84	41	47	88	1	1	2	1	2	3	223	172	395

(d) WHOOPING COUGH

NOTIFICATIONS IN MONTHS

	EUROPEAN			MIN	NON MIN NAT.			COLOURED			ASIATIC			TOTAL		
	M.	F.	T.	NAT.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
JULY	3	2	5		2	4	6							5	6	11
AUGUST	6	8	14		4	9	13							10	17	27
SEPTEMBER	8	11	19		1	3	4							9	14	23
OCTOBER	16	23	39		6	4	10							22	27	49
NOVEMBER	19	8	27		17	15	32							36	23	59
DECEMBER	7	7	14		7	2	9							14	9	23
JANUARY	1	7	8		4	4	8							5	11	16
FEBRUARY	6	7	13											6	7	13
MARCH	5	6	11		2	3	5							7	9	16
APRIL	2	7	9		1	5	6	0	2	2				3	14	17
MAY	0	5	5		8	10	18	1	1	2	0	1	1	9	17	26
JUNE	0	1	1		21	13	34	2	1	3				23	15	38
TOTAL	73	92	165		73	72	145	3	4	7	0	1	1	149	169	318

(e) DIPHTHERIA

(i) NOTIFICATIONS IN MONTHS

	EUROPEAN			MIN	NON MIN NAT.			COLOURED			ASIATIC			TOTAL		
	M.	F.	T.	NAT.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
JULY					1	0	1							1	0	1
AUGUST														0	0	0
SEPTEMBER					0	1	1							0	1	1
OCTOBER					0	1	1							0	1	1
NOVEMBER														0	0	0
DECEMBER														0	0	0
JANUARY														0	0	0
FEBRUARY	0	1	1		0	2	2							0	3	3
MARCH	1	0	1											1	0	1
APRIL	0	2	2								1	0	1	1	2	3
MAY	0	4	4		1	0	1							1	4	5
JUNE	0	1	1		1	2	3							1	3	4
TOTAL	1	8	9		3	6	9				1	0	1	5	14	19

(ii) NO. OF PERSONS IMMUNISED

EUROPEAN	508
NON EUROPEAN	37
TOTAL	545

(f) SCARLET FEVER

NOTIFICATIONS IN MONTHS

	EUROPEAN			MIN	NON MIN NAT.			COLOURED			ASIATIC			TOTAL		
	M.	F.	T.	NAT.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
JULY	0	3	3											0	3	3
AUGUST														0	0	0
SEPTEMBER	1	1	2		0	1	1							1	2	3
OCTOBER	6	6	12											6	6	12
NOVEMBER	3	2	5					1	0	1				4	2	6
DECEMBER	2	2	4											2	2	4
JANUARY	1	3	4											1	3	4
FEBRUARY	4	2	6											4	2	6
MARCH								1	0	1				1	0	1
APRIL														0	0	0
MAY	0	1	1											0	1	1
JUNE	0	1	1											0	1	1
TOTAL	17	21	38		0	1	1	2	0	2				19	22	41

(g) CEREBRO SPINAL MENINGITIS

NOTIFICATIONS IN MONTHS

	EUROPEAN			MIN	NON MIN NAT.			COLOURED			ASIATIC			TOTAL		
	M.	F.	T.	NAT.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
JULY				8							0	1	1	8	1	9
AUGUST	1	0	1	4	1	1	2							6	1	7
SEPTEMBER				8	0	1	1							8	1	9
OCTOBER				4	0	1	1							4	1	5
NOVEMBER	0	1	1	1										1	1	2
DECEMBER				5										5	0	5
JANUARY	1	0	1	3										4	0	4
FEBRUARY	4	2	6	4	2	0	2	0	1	1				10	3	13
MARCH					1	0	1							1	0	1
APRIL				1										1	0	1
MAY				5	1	0	1							6	0	6
JUNE					1	0	1							1	0	1
TOTAL	6	3	9	43	6	3	9	0	1	1	0	1	1	55	8	63

(h) ACUTE POLIOMYELITIS

NOTIFICATIONS IN MONTHS

	EUROPEAN			MIN	NON MIN NAT.			COLOURED			ASIATIC			TOTAL		
	M.	F.	T.	NAT.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
JULY														0	0	0
AUGUST														0	0	0
SEPTEMBER														0	0	0
OCTOBER														0	0	0
NOVEMBER														0	0	0
DECEMBER														0	0	0
JANUARY					1	0	1							1	0	1
FEBRUARY	0	1	1		1	2	3							1	3	4
MARCH	6	2	8		2	0	2	0	1	1				8	3	11
APRIL	3	4	7											3	4	7
MAY	5	1	6											5	1	6
JUNE					2	1	3							2	1	3
TOTAL	14	8	22	0	6	3	9	0	1	1	0	0	0	20	12	32

(i) ENTERIC FEVER

(i) NOTIFICATIONS IN MONTHS

	EUROPEAN			MIN NAT.	NON MIN NAT.			COLOURED			ASIATIC			TOTAL		
	M.	F.	T.		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
JULY	0	1	1		0	1	1							0	2	2
AUGUST				17										17	0	17
SEPTEMBER				18										18	0	18
OCTOBER														0	0	0
NOVEMBER	0	1	1	3										3	1	4
DECEMBER	0	1	1											0	1	1
JANUARY				3	2	1	3	0	2	2				5	3	8
FEBRUARY	1	0	1	1										2	0	2
MARCH	1	3	4		0	1	1							1	4	5
APRIL	0	1	1	1				1	0	1				2	1	3
MAY	0	1	1											0	1	1
JUNE	1	0	1											1	0	1
TOTAL	3	8	11	43	2	3	5	1	2	3	0	0	0	49	13	62

(ii) NO. OF PERSONS IMMUNISED

EUROPEANS	11
NON-EUROPEANS	12
TOTAL	23

(iii) VI- TESTING

NO. OF BLOOD TESTS TAKEN	939
NO. OF VI-POSITIVE	52

(iv) VARIOUS RATES

	DEATH RATES (DEATHS PER 1,000 POPULATION)	INCIDENCE RATES (NOTIFICATIONS PER 1000 POPULATION)	CASE MORTALITY RATES (DEATHS PER 100 CASES
EUROPEAN	0.00	0.44	0.00
MINING NATIVES	0.28	2.39	10.16
NON MINING NATIVES	0.00	0.17	0.00
COLOURED	0.00	1.07	0.00
ASIATIC	0.00	0.00	0.00
ALL NON EUROPEAN	0.10	1.01.	9.80
ALL RACES	0.07	0.82	8.06

(j) TUBERCULOSIS

(i) NOTIFICATIONS

	EUROPEAN			MIN NAT.	NON MIN NAT.			COLOURED			ASIATIC			TOTAL		
	M.	F.	T.		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
PULMONARY T.B.	10	1	11	34	31	17	48	0	2	2	0	4	4	75	24	99
NON. PULM. T.B.	2	0	2	6	6	2	8	0	0	0	0	0	0	14	2	16
TOTAL	12	1	13	40	37	19	56	0	2	2	0	4	4	89	26	115

(ii) PULMONARY T.B.

NOTIFICATIONS IN AGE GROUPS

	EUROPEAN			MIN NAT.	NON MIN NAT.			COLOURED			ASIATIC			TOTAL		
	M.	F.	T.		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
UNDER 1	1	0	1											1	0	1
1-4					3	1	4	0	1	1				3	2	5
5-9					2	0	2							2	0	2
10-14														0	0	0
15-19				2	2	3	5				0	1	1	4	4	8
20-24	0	1	1	5	3	7	10				0	1	1	8	9	17
25-29				2	3	3	6				0	2	2	5	5	10
30-34				5	4	1	5							9	1	10
35-39	2	0	2	5	3	1	4							10	1	11
40-44	2	0	2	6	2	1	3	0	1	1				10	2	12
45-49				5	4	0	4							9	0	9
50-54	3	0	3	2										5	0	5
55-59	1	0	1	2	1	0	1							4	0	4
60-64	1	0	1	-	2	0	2							3	0	3
65-69					2	0	2							2	0	2
70-74														0	0	0
75 AND OVER														0	0	0
TOTAL	10	1	11	34	31	17	48	0	2	2	0	4	4	75	24	99

(iii) T.B. CLINIC NO. OF CONTACTS EXAMINED

NON-EUROPEANS	208

(iv) VARIOUS RATES

	INCIDENCE RATES : PULMONARY T.B. (NOTIFICATIONS PER 1,000 POPULATION)	INCIDENCE RATES T.B. (ALL FORMS)(NOTIFICATIONS PER 1,000 POPULATION.
EUROPEAN	0.44	0.52
MIN NATIVE	1.89	2.24
NON MIN NATIVE.	1.68	1.96
COLOURED	0.71	0.71
ASIATIC	3.41	3.41
ALL NON EUROPEAN	1.74	2.02
ALL RACES	1.32	1.52

REMOVALS TO HOSPITAL

INFECTIOUS DISEASES

(a) BOKSBURG- BENONI HOSPITAL

	EUROPEAN	NON MIN NAT.	COLOURED	ASIATIC	TOTAL
MEASLES	1	2			3
PERTUSSIS	3	1			4
SCARLET FEVER	3	1			4
DIPHTHERIA	16	17		1	34
CHICKEN POX	1				1
MUMPS	3				3
ENTERIC FEVER	13	10	3		26
C.S.MENINGITIS	14	19	5	1	39
ENCEPHALITIS		1			1
PULMONARY T.B.	14	42	2	3	61
NON PULM. T.B.	1	5	-	3	9
PUERPERAL SEPSIS		5			5
ERYSIPELAS		1			1
TRACHOMA		1			1
OPHTHALMIA		1			1
AC.POLIOMYELITIS	23	8			31
TOTAL	92	114	10	8	224

(b) RIETFONTEIN HOSPITAL

	EUROPEAN	NON MIN NAT.	COLOURED	ASIATIC	TOTAL
GONORRHOEA	5	99			104
SYPHILIS	2	200	4	4	210
V.D. WARTS		6			6
GONOR. AND SYPH.		12			12
LEPROSY		2			2
TOTAL	7	319	4	4	334

(c) NURSING HOMES AND OTHER HOSPITALS

	EUROPEAN	NON MIN NAT.	TOTAL
PULMONARY T.B.	3	1	4
ENTERIC	2	0	2
AC. POLIOMYELITIS	1	0	1
C.S. MENINGITIS	1	0	1
TOTAL	7	1	8

(d) MINE HOSPITALS

MEASLES	63
ENTERIC FEVER	39
C.S. MENINGITIS	40
PULMONARY T.B.	34
NON PULMONARY T.B.	4
TYPHUS FEVER	1
TOTAL	181

MATERNAL AND CHILD WELFARE

(a) INFANT AND ANTE NATAL CLINICS

	EUROPEAN N'MEAD	EUROPEAN TOWN	NON EUROPEAN NAT.	NON EUROPEAN COL.	NON EUROPEAN AS.	ALL RACES TOTAL
INFANT CLINICS						
New Cases	157	328	386	82	7	960
TOTAL ATTENDANCES	2274	4514	4190	1269	282	12529
ANTE-NATAL CLINICS						
New Cases		91	1010	79	10	1190
TOTAL ATTENDANCES		425	6255	497	36	7213

(b) HOME VISITS ETC.

	EUROPEAN N'MEAD	EUROPEAN TOWN	NAT.	COL.	AS.	TOTAL
FIRST VISITS						
BREAST FED	312	292	425	167	187	1383
RE-VISITS 0-1 YEAR	795	757	946	728	508	3734
STILL BIRTHS	2	1				3
ANTE-NATAL VISITS	4	2	419	162	144	731
INFANTILE MORTALITY	5	7	122	38	7	179
PUERPERAL SEPSIS			4	1		5
INFECTIOUS DISEASES	2	4				6
SHOP CONDITIONS		58				58
SUB. ECONOMIC HOUSES		204				204
V.D. DEFAULTERS		09	512	276	96	893
TOTAL	1120	1334	2428	1372	942	7196

(c) DISTRICT MIDWIFERY SERVICES

CASES CONFINED IN MONTHS

	CONFINED ON DISTRICT EUR.	NAT.	COL.	AS.	TOTAL	CONFINED IN HOSPITAL EUR.	NAT.	COL.	AS.	TOT.	ALL CASES E.	N.	C.	A.	T.
JULY	3	13	0.	0	16	2	50	2	0	54	5	63	2	0	70
AUGUST	1	17	0	0	18	8	42	4	0	54	9	59	4	0	72
SEPTEMBER	0	18	0	0	18	5	43	0	0	48	5	61	0	0	66
OCTOBER	1	18	0	0	19	2	41	2	0	45	3	59	2	0	64
NOVEMBER	0	25	0	0	25	5	40	3	0	48	5	65	3	0	73
DECEMBER	1	22	1	1	25	5	37	1	0	43	6	59	2	1	68
JANUARY	0	11	0	0	11	4	38	4	1	47	4	49	4	1	58
FEBRUARY	1	21	1	0	23	4	49	4	0	57	5	70	5	0	80
MARCH	1	13	2	0	16	1	37	3	0	41	2	50	5	0	57
APRIL	4	19	0	0	23	3	65	2	0	70	7	84	2	0	93
MAY	1	21	0	0	22	5	44	2	0	51	6	65	2	0	73
JUNE	1	20	2	0	23	6	42	5	0	53	7	62	7	0	76
TOTAL	14	218	6	1	239	50	528	32	1	611	64	746	38	2	850

BOKSBURG - BENONI HOSPITAL OUTPATIENT DEPARTMENTS

MONTHLY ATTENDANCES

	EUROPEANS		NON EUROPEANS		ALL CASES	
	PATIENTS	ATTEND.	PATIENTS	ATTEND.	PATIENTS	ATTEND.
JULY	173	932	316	1105	489	2037
AUGUST	259	971	325	1230	584	2201
SEPTEMBER	191	1050	242	1241	433	2291
OCTOBER	178	1157	285	1335	463	2492
NOVEMBER	263	1057	348	1320	611	2377
DECEMBER	135	946	171	1081	306	2027
JANUARY	146	1131	205	1277	351	2408
FEBRUARY	198	1155	310	1353	508	2508
MARCH	124	1244	239	1368	363	2612
APRIL	128	1263	255	1391	383	2654
MAY	129	1103	226	1232	355	2335
JUNE	179	1250	307	1429	486	2679
TOTAL	2103	13259	3229	15362	5332	28261

VENEREAL DISEASE

(a) ATTENDANCES IN MONTHS

	EUROPEAN			NATIVE			COLOURED			ASIATIC			TOTAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
JULY	12	11	23	346	436	782	11	25	36	4	0	4	323	472	835
AUGUST	15	7	22	354	471	825	6	33	39	0	2	2	375	513	888
SEPTEMBER	16	4	20	200	301	501	3	18	21	0	0	0	219	323	542
OCTOBER	19	7	26	320	421	741	3	11	14	2	1	3	344	440	784
NOVEMBER	22	8	30	279	508	787	6	21	27	0	2	2	307	539	846
DECEMBER	20	10	30	263	418	681	9	19	28	2	4	6	294	451	745
JANUARY	10	11	21	381	566	947	8	27	35	3	10	13	402	614	1016
FEBRUARY	14	5	19	476	575	1051	7	30	37	0	6	6	497	623	1120
MARCH	26	7	33	445	617	1062	2	36	38	1	2	3	474	662	1136
APRIL	25	13	38	490	681	1171	12	40	52	1	3	4	528	737	1265
MAY	28	10	38	354	648	1002	8	32	40	1	7	8	391	697	1088
JUNE	30	21	51	506	704	1210	9	28	37	2	5	7	547	758	1305
TOTAL	237	114	351	4414	6346	10760	84	320	404	16	42	58	4751	6822	11573

(b) NEW CASES (EXCLUDING SENT TO HOSPITAL)

	EUROPEAN			NATIVE			COLOURED			ASIATIC			TOTAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
JULY	1	0	1	16	40	56	0	2	2	0	0	0	17	42	59
AUGUST	1	0	1	8	40	48	0	3	3	0	0	0	9	43	52
SEPTEMBER	1	0	1	9	37	46	0	1	1	0	0	0	10	38	48
OCTOBER	0	0	0	7	32	39	1	0	1	0	0	0	8	32	40
NOVEMBER	0	0	0	9	39	48	0	2	2	0	1	1	[illegible]	[illegible]	[illegible]
DECEMBER	0	0	0	34	34	68	1	[illegible]	[illegible]	[illegible]	0	2	37	35	72
JANUARY	3	1	4	40	65	105	1	4	5	1	0	1	45	70	115
FEBRUARY	0	0	0	52	47	99	0	5	5	0	0	0	52	52	104
MARCH	4	0	4	46	41	87	0	0	0	0	0	0	50	41	91
APRIL	1	1	2	67	49	116	1	1	2	1	0	1	70	51	121
MAY	2	0	2	40	79	119	1	3	4	0	2	2	43	84	127
JUNE	2	0	2	54	63	117	1	3	4	0	0	0	57	66	123
TOTAL	15	2	17	382	566	948	6	25	31	4	3	7	407	596	1003

(c) ALL CLINICS

	EUROPEANS			NATIVE			COLOURED			ASIATIC			ALL RACES		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
NEW CASES:															
SYPHILIS	10	2	12	346	554	900	6	25	31	4	3	7	366	584	950
GONORRHOEA	5	0	5	36	12	48	0	0	0	0	0	0	41	12	53
TOTAL	15	2	17	382	566	948	6	25	31	4	3	7	407	596	1003
ATTENDANCES:															
SYPHILIS	201	32	233	3475	4361	7836	63	149	212	3	23	26	3742	4565	8307
GONORRHOEA	6	1	7	106	12	118	0	0	0	0	0	0	112	13	125
TOTAL V.D.	207	33	240	3581	4373	7954	63	149	212	3	23	26	3854	4578	8932
NON V.D.	30	81	111	833	1973	2806	21	171	192	13	19	32	897	2244	2641
TOTAL ATTENDANCES	237	114	351	4414	6346	10760	84	320	404	16	42	58	4751	6822	11573
W.R.'S															
NEGATIVE	6	85	91	568	1595	2163	14	94	108	9	19	28	597	1793	2390
POSITIVE	9	4	13	236	567	803	7	26	33	3	2	5	255	599	854
TOTAL	15	89	104	804	2162	2966	21	120	141	12	21	33	852	2392	3244
INJECTIONS:															
INTRA-MUSCULAR	46	5	51	315	762	1067	16	24	40	0	0	0	377	791	1168
INTRA-VENOUS	164	29	193	2997	3162	6159	39	173	212	0	19	19	3200	3383	6583
TOTAL	210	34	244	3312	3924	7226	55	197	252	0	19	19	3577	4174	7751

RACE WELFARE : MONTHLY ATTENDANCES

	EUROPEAN			NON-EUROPEAN			ALL RACES		
	NEW CASES	ATTEN-DANCES	TOTAL	NEW CASES	ATTEN-DANCES	TOTAL	NEW CASES	ATTEN-DANCES	TOTAL
JULY	9	12	21	2	5	7	11	17	28
AUGUST	4	16	20	3	6	9	7	22	29
SEPTEMBER	6	14	20	3	6	9	9	20	29
OCTOBER	6	15	21	2	7	9	8	22	30
NOVEMBER	3	25	28	1	5	6	4	30	34
DECEMBER	3	18	21	3	9	12	6	27	33
JANUARY	13	20	33	4	7	11	33	11	44
FEBRUARY	17	30	47	3	6	9	20	36	56
MARCH	10	17	27	3	6	9	13	23	36
APRIL	9	17	26	3	7	10	12	24	36
MAY	12	16	28	0	4	4	12	20	32
JUNE	21	29	50	3	6	9	24	35	59
TOTAL	113	229	342	30	74	104	143	303	446

PASS OFFICE : MEDICAL EXAMINATION NATIVES

(a) NATIVE MALES

	NO. EXAMINED	NO. REFERRED TO V.D. CLINIC	TO RIETFONTEIN V.D. HOSPITAL
JULY	1268	35	15
AUGUST	1253	32	13
SEPTEMBER	1189	20	30
OCTOBER	1193	56	15
NOVEMBER	1109	16	18
DECEMBER	852	47	19
JANUARY	1708	35	39
FEBRUARY	1230	99	27
MARCH	1356	117	30
APRIL	1062	107	29
MAY	1058	95	20
JUNE	1079	114	30
TOTAL	14357	773	285

(b) NATIVE FEMALES

NO. EXAMINED	75
NO. SENT TO RIETFONTEIN	15

WORK OF HEALTH INSPECTORS: ANNUAL REPORT (TOWN)

Notices	1219
Aerated Water Manufacturers	40
Butcher Shops	676
Baker Shops (Without Bakehouses)	79
Bakehouses	211
Butchers' Carts and Carriers	46
Bakers' Carts	33
Dealers' and General Dealers' Shops (Food)	2789
Dealers' and General Dealers' Shops (No Food)	2768
Dairy Stables and Dairies	1058
Fish and Poultry Shops	226
Hawkers' Premises	53
Hawkers' Carts	20
Ice Cream (Purveyors and Manufacturers of)	75
Karrif Eating Houses	851
Milkshops (Purveyors of Milk)	348
Milk Delivery Carts	159
Municipal Market	303
Other places where food is manufactured	84
Other Factory or Workshop	242
Other visits	1531
Pedlars' Premises	3
Residential Hotels, Boarding Houses	220
Tea Shops, Cafes, Restaurants and Eating Houses	770
Theatres and Bioscopes	28
Billiard Saloon	9
Common Lodging Houses	24
Cattle Dealers' Premises	67
Hairdressers	135
Sideshows	3
Accumulation of manure	30
Blood Tests	864
Complaints	648
Courts, Alleys, Lanes	304
Drains- defective, insufficient, choked, dirty	418
Disinfection of Premises	89
House Inspections	1734
Horse Stables	522
Interviews	1240
Keeping of Animals	251
Mosquitoes (a) Standing Water	59
Native Housing	648
Other House Inspections	81
Open Ground	61
Pail Closets (a) Dirty	16
(b) Defective	30
(c) Insufficient	24
Plans (a) Buildings (1) Approved without comment	525
(2) Number referred back for amendment	59
(b) Drainage (1) Approved without comment	124
(2) Number referred back for amendment	43
Public Sanitary Conveniences	273
Permits Urban Areas Act	32
Premises Constructional Repairs	1261
Refuse Tips	155
Refuse:Accumulations of	440
Refuse Bins - (a) Broken	1344
(b) Insufficient	119
Undrained Premises	29
Stands Inspected	6
Sites or premises, re deposited plans	13
Visits to Compounds - (a) Mine	29

WORK OF THE HEALTH INSPECTORS ANNUAL REPORT (TOWN)

CONTINUED

Visits in connection with Infectious Disease	697
Visits to premises in connection with Rodent Infestation	9297
Visits to premises under cyanide fumigation	63
Visits to premises for vermin	47
Waste Water Receptacles	4
Water Closets (a) Dirty	192
(b) Defective	415
(c) Insufficient	26
Licences - (1) Applications received	555
(2) Applications approved without comment	327
(3) Applications subject to conditions	159
(4) Applications not in order	10
(5) Applications withdrawn	4
(6) Applications in abeyance	47
Stopped drains	27
Unauthorised Structures	6
Structural defects to premises	3
Other defects	3
TOTAL	35009

WORK OF THE HEALTH INSPECTORS : ANNUAL REPORT (LOCATION)

Notices	26
Butcher Shops	198
Baker Shops (Without Bakehouses)	1
Bakehouses	24
Butchers' Carts and Carriers	5
Bakers' Carts	1
Dealers' and General Dealers' Shops (Food)	705
Dealers' and General Dealers' Shops (No Food)	125
Fish and Poultry Shops	96
Hawkers' Premises	26
Hawkers' Carts	29
Ice Cream (Purveyors and Manufacturers of)	1
Kaffir Eating Houses	4
Milkshops (Purveyors of Milk)	52
Milk Delivery Carts	12
Other Factory or Workshop	11
Other Visits	725
Private Cowsheds	11
Pedlars' Vehicles	3
Tea Shops, Cafes, Restaurants and Eating Houses	16
Theatres and Bioscopes	3
Hairdressers	54
Laundries	35
Accumulation of manure	47
Blood Tests	11
Complaints	77
Courts, Alleys, Lanes	3
Drains- defective, insufficient, choked, dirty	6
Disinfection of Premises	1
House Inspections	974
Horse Stables	41
Interviews	241
Keeping of Animals	95
Native Housing	2
Other House Inspections	8

WORK OF THE HEALTH INSPECTORS : ANNUAL REPORT (LOCATION).

CONTINUED

Open Ground	3
Fail Closets (a) Dirty	28
(b) Defective	13
(c) Insufficient	12
Public Sanitary Conveniences	50
Premises Constructional Repairs	5
Refuse Tips	15
Refuse: Accumulations of	46
Refuse bins - (a) Broken	27
(b) Insufficient	6
Stands Inspected	184
Sites or premises re deposited plans	3
Visits in connection with Infectious Disease	422
Visits to premises in connection with Rodent Infestation	3
Visits to premises for vermin	1
Wash Houses	11
Waste Water Receptacles	62
Foodstuffs Condemned	5
Prosecutions	1
Licences - (1) Applications received	180
(2) Applications approved without comment	69
(3) Applications subject to conditions	22
(4) Applications not in order	17
(5) Applications in abeyance	72
Stopped drains	19
Defective Water Fittings	4
Unauthorised Structures	3
Structural defects to premises	8
Other defects	47
Plans Drawn	82
TOTAL	4883

FOODSTUFFS CONDEMNED

(FROM FOOD SHOPS, MUNICIPAL MARKET, ETC.)

FRUIT AND VEGETABLES (FRESH)

Avacado Pears	26 Trays
Apples	67 Boxes
Beans	10 Pockets
Grape Fruit	10 Pockets
Guavas	18 Trays
Lemons	72 Pockets
Mealies	84 Pockets
Naartjies	3 Pockets
Oranges	220 Pockets
Paws Paws	17 Trays
Water Melons	4 Trays

VARIOUS FRESH FOOD

Fresh Fish	400 lbs	Fish
Haddock	14 lbs	
Herrings	7 Barrels	
Kippers	14 lbs	
All Bran	1 Packet	
Barley	6½ lbs	

FOODSTUFFS CONDEMNED

CONTINUED

VARIOUS FRESH FOOD

Biltong		28 lbs
Cream		12 Cartons
Dates		46 lbs
Dried Figs		50 lbs
Grape Nuts		36 Packets
Mabella		58 Packets
Mealie Meal		80 lbs
Oats		21 Packets
Post Toasties		1 Packet
Poultry (a) Chickens	7	
(b) Ducks	4	
(c) Fowls	6	
(d) Turkeys	3	
Raisins		3½ lbs
Sausages		16 lbs
Wheat Flakes		14 Packets

TINNED FOODSTUFFS

Asparagus	16 Tins
Baked Beans	96 Tins
Beetroot	3 Tins
Blue Berries	4 Tins
Butter Relish	6 Tins

Canned Fruit

Apples	20 Tins
Figs	3 Tins
Guavas	10 Tins
Mixed Fruit	49 Tins
Peaches	9 Tins
Pears	4 Tins
Pineapples	16 Tins
Plums	11 Tins
Quinces	2 Tins
Red Cherries	1 Tin
Tomato Juice	9 Tins
Cooked Beef	4 Tins
Carrots	56 Tins
Caviare	46 Tins
Cucumber	1 Tins
Cooked Ham	3 Tins
Fish	26 Tins
Fish Spread	2666 Tins
Fruit Cordial	5 Tins
Gherkins	2 Tins
Herrings in Tomato Sauce	289 Tins
Jam	790 Tins
Kipper Snacks	5251 Tins
Luncheon Roll	34 Tins
Mackerel	233 Tins
Marmite	1 Tins
Milk (1) Condensed	63 Tins
(2) Evaporated	34 Tins
(3) Dry	8 Tins
Mixed Vegetables	27 Tins
Mustard	3 Tins
Peas	29 Tins
Pickles	13 Tins
Pilchards	5 Tins

FOODSTUFFS CONDEMNED

CONTINUED

TINNED FOODSTUFFS

Pork and Beans	35 Tins
Potted Meat	8 Tins
Sauerkraut	5 Tins
Sausage	3 Tins
Sardines	7128 Tins
Salmon	8 Tins
Spinach	1 Tin
Spaghetti	24 Tins
Snoek	2 Tins
Sour Chow	1 Tin
Stewed Steak	81 Tins
Sweet Corn	8 Tins
Tongue	4 Tins
Unlabelled	163 Tins
Vanilla Essence	3 Tins
Vegetable Soup	21 Tins
Xmas Pudding	1 Tin

FOODS DRUGS AND DISINFECTANTS ACT

SAMPLES FOR CHEMICAL ANALYSIS

(a) MILK

i.	No of samples taken	63
ii.	No. of samples returning milk fat above 4%	15
	No. of samples returning milk fat 3.5%-4%	14
	No. of samples returning milk fat 3%-3.5%	31
	No. of samples returning milk fat below 3%	3
		63
iii.	No. of samples returning milk solids (not fat) below 8.5%	6

(b) WATER

No. of samples taken 12

SAMPLES FOR BACTERIOLOGICAL EXAMINATION

(a) MILK

(i)	No. of samples taken	126
(ii)	Organisms under 200,000 per c.c.	75
	Organisms over 200,000 per c.c.	51
(iii)	B. Coli present in 0.1 c.c.	22
	B. Coli present in 0.01 c.c.	4
	B. Coli present in 0.001 c.c.	7

(b) WATER

(i)	No. of samples taken	12
(ii)	Total count less than 50 Organisms per c.c.	6
	Total count more than 50 Organisms per c.c.	6
(iii)	B.Coli present in 1 c.c.	3
	B. Coli present in 10 c.c.	1

SAMPLES FOR BACTERIOLOGICAL EXAMINATION

(CONTINUED)

(c) ICE CREAM

(i) No. of samples taken	6
(ii) Organisms under 200,000 per c.c.	4
Organisms over 200,000 per c.c.	2
(iii) B. Coli present in 0.1 c.c.	-
B. Coli present in 0.01 c.c.	-
B. Coli present in 0.001 c.c.	-

LICENCE APPLICATIONS

(a) DEALERS (WHOLESALE AND RETAIL)

	APPLICATIONS RECEIVED	APPROVED NO CONDITIONS	APPROVED AFTER CONDITIONS	NOT IN ORDER	WITHDRAWN	INSUFFICIENT ADDRESS
BAKERS AND CONFECTIONERS	14	5	9	-	-	-
BILLIARD SALOONS	3	3	-	-	-	-
BIOSCOPES AND THEATRES	7	4	1	2	-	-
BOARDING HOUSES	14	7	7	-	-	-
BUTCHERS	52	32	18	2	-	-
CYCLE DEALERS	17	16	1	-	-	-
DAIRIES	49	38	10	-	1	-
DOG KENNELS	1	1	-	-	-	-
FISHMONGERS	7	1	6	-	-	-
FUMIGATERS	5	5	-	-	-	-
GENERAL DEALERS	165	141	20	2	2	-
GREENGROCERS	31	25	5	1	-	-
GROCERS	142	101	39	1	-	1
HAIRDRESSERS	32	30	1	-	1	-
HOTELS	12	9	3	-	-	-
HAWKERS	59	38	8	13	-	-
ICE CREAM	3	3	-	-	-	-
KAFFIR EATING HOUSES	3	3	-	-	-	-
LAUNDRIES	6	5	-	-	1	-
LODGING HOUSES	6	5	1	-	-	-
MINERAL WATERS	3	1	2	-	-	-
PEDLARS	17	14	1	1	1	-
RESTAURANTS AND TEA ROOMS	75	48	23	4	-	-
MISCELANEOUS	33	31	1	1	-	-
TOTAL	756	566	156	27	6	1

PROSECUTIONS

L A W	O F F E N C E	P E N A L T Y
Dairy Bye Laws Section 2 (b)	Selling Milk without a Licence	Not Guilty
Public Health Act Section 124	Failure to comply with notice	Fined £7.10.
Public Health Act Section 124	Failure to comply with notice	Fined £3.0.0 Costs £2.2.0
Public Health Act Section 124	Failure to comply with notice	Fined £3.0.0 Costs £2.2.0
Public Health Act Section 124	Failure to comply with notice	Fined £3.0.0 Costs £2.2.0
Public Health Act 113(1)) Dairy Bye Laws Section 2 (b)) Dairy Bye Laws Section 17)	Selling milk under unhygienic conditions and without a Licence	Fined £15.0.0
Public Health Act 113(1)	Hawking unsound fish and without a Licence	Fined £ 5.0.0 £ 2.10.
Public Health Act 113 (1)) Hawkers Bye Laws Section 2)	Storing vegetables in kitchen and selling without a Licence	Fined £7.10.0
Public Health Act 113 (1)) Hawkers Bye Laws Section 2)	Hawking meat under unhygienic conditions and selling without Licence	Fined £5.0.0 £5.0.0
Public Health Act 113(1)) Hawkers Bye Laws 2)	Hawking bread under unhygienic conditions without a Licence	Fined £5.0.0 £5.0.0
Public Health Act 113(1)) Public Health Bye Laws Chapter 8)	Selling meat under unhygienic conditions without a Licence	10.0 10.0
Public Health Act 113 (1)) Hawkers Bye Laws 2)	Selling meat under unhygienic conditions without a Licence	£5.0.0
Food, Drugs, and Disinfectant Act Section 17 (3)	Deficiency of Butter Fat	£5.0.0
Public Health Act Section 124	Failure to comply with Notice	£7.10.
Public Health Act Section 124	Failure to comply with Notice	£5..0.
Public Health Act Section 124	Failure to comply with Notice	£10.0.0.
Public Health Act Section 124	Failure to comply with Notice	3.0.0
Public Health Act Section 124	Failure to comply with Notice	3.0.0
Public Health Act 113(1)) Hawkers Bye Laws (2))	Selling foodstuffs under unhygienic conditions without a Licence	Not Guilty
Public Health Act 113(1)) Hawkers Bye Laws (2))	Selling foodstuffs under unhygienic conditions without a Licence	£5.0.0
Public Health Act 113(1)) Hawkers Bye Laws (2))	Selling foodstuffs under unhygienic conditions without a Licence	£1.0.0
Public Health Act 113 (1)) Hawkers Bye Laws (2))	Selling foodstuffs under unhygienic conditions without a Licence	£1.0.0
Public Health Act 113(1)) Hawkers Bye Laws (2))	Selling foodstuffs under unhygienic conditions without a Licence	£1.0.0
Public Health Act 113(1)) Hawkers Bye Laws (2))	Selling foodstuffs under unhygienic conditions without a Licence	£1.0.0
Public Health Act 113(1)) Hawkers Bye Laws (2))	Selling foodstuffs under unhygienic conditions without a Licence	£1.0.0

PROSECUTIONS CONTINUED

L A W	OFFENCE	P E N A L T Y
Public Health Act Section 124	Failure to comply with notice	£2.2.0 Costs
Public Health Act Section 124	Failure to comply with notice	£3 3.0 Costs
Public Health Act Section 113(1)	Failure to protect bread against contamination	£15.0.0

ABATTOIR ANNUAL RETURNS

	BOVINES				SWINES				SHEEP			
	NO. INFECTED		NO. CONDEMNED		NO. INFECTED		NO. CONDEMNED		NO. INFECTED		NO. CONDEMNED	
DISEASE	CARCASSES	LIVE ANIMALS	WHOLE CARCASSES	PORTIONS CARCASSES WEIGHT	CARCASSES	LIVE ANIMALS	WHOLE CARCASES	PORTIONS CARCASSES WEIGHT	CARCASES	LIVE ANIMALS	WHOLE CARCASSES	PORTIONS CARCASSES WEIGHT
ACTINOMYCOSIS				2365								
MEASLES	1127		235	82121			103	10,426				
LYMPHADENITIS											2	
PYAEMIA AND ABSCESSES			5	7700								
SEPTICAEMIA			39									
TUBERCULOSIS			12				5					
BRUISING ETC.			290								14	552
DISTOMATOSIS				18950								
ECHINOCOCCUS				12900								
ANGIOMATOSIS				1220								

ABATTOIR

	SLAUGHTERING				BY PRODUCTS PRODUCED(IN LBS)		
	OXEN	SHEEP	CALVES	PIGS	BLOOD MEAL	MEAT MEAL	FAT
JULY	2356	-	141	132	14,000 lbs	11,000 lbs	800
AUGUST	2918	1532	107	85	19,200 lbs	22,000 lbs	2,400
SEPTEMBER	1889	1448	139	212	10,800 lbs	31,000 lbs	5,200
OCTOBER	2239	50	150	291	14,000 lbs	23,000 lbs	3,200
NOVEMBER	3217	588	140	175	16,600 lbs	31,000 lbs	6,000
DECEMBER	3047	376	87	157	18,000 lbs	35,000 lbs	4,400
JANUARY	2782	1362	86	196	18,000 lbs	26,000 lbs	5,200
FEBRUARY	2594	2264	88	257	16,000 lbs	30,000 lbs	4,800
MARCH	2363	1433	95	95	14,000 lbs	25,000 lbs	4,300
APRIL	2168	497	265	269	12,000 lbs	26,000 lbs	4,000
MAY	2542	365	102	223	14,000 lbs	27,000 lbs	4,400
JUNE	1334	113	99	347	8,400 lbs	20,200 lbs	2,800
TOTAL	29448	10028	1499	2439	175,000 lbs	307,200 lbs	48,000

(b) REVENUE

Ex SALUGHTER NG FEES	£4991. 8. 6
EX EXAM. OF MEAT	555.15. 9
EX RENTS AND DISINFECTIONS ...	729.13. 8
EX COMMISSION ON LEVY	96. 7. 4
EX BY PRODUCTS SALES.....	5205.19. 8
EX COLD STORAGE FEES	2425. 4.11
EX SUNDRY REVENUE	110. 0. 0
EX SALE OF PAUNCH CONTENTS ...	130. 0. 0
TOTAL	£14244. 9.10

(c) EXPENDITURE ..... £15,911. 18. 3.

(d) MEASLY CARCASSES TO COLD STORAGE:-

	NUMBER	WEIGHT
LOCAL	913	402,490 lbs
IMPORTED	35	16,357 lbs

VERMIN CONTROL

A. RODENT CONTROL

(a) NO. OF RODENTS KILLED:-

Domestic Rats (Ratus Ratus)	14308
Domestic Mice(Mus Musculus)	8964
Gerbilles (Tateroma Lobengula)	1538
TOTAL	24810

(b) NO. OF HOLES TREATED 258,666

(c) AMOUNT OF MATERIAL USED:-

Cyanogas	975 lbs
Poisoned Corn	540 lbs
Brown Sugar	107 lbs
Strychnine	4 lbs 8 ozs

B. FLY CONTROL

(a) NO. OF PREMISES SPRAYED WITH D.D.T. 153

(b) AMOUNT OF D.D.T USED .....973 gallons.

CLIMATIC DATA

Latitude : 26 degrees, 11 minutes South
Longitude: 28 degrees, 19 minutes East
Altitude : 5,400 feet.

	TEMPERATURE MEAN MAX.	TEMPERATURE MEAN MIN	TEMPERATURE ABSOLUTE MAX.	TEMPERATURE ABSOLUTE MIN.	SUNSHINE HOURS PER DAY	MEAN DAILY RELATIVE HUMIDITY	RAINFALL IN.	RAINFALL DAYS
JULY	60.2	33.5	69.1	24.4	9.4	48	0.06	1
AUGUST	72.4	44.6	78.6	29.4	10.5	42	0.00	0
SEPTEMBER	72.2	48.3	83.3	38.2	9.1	49	0.41	4
OCTOBER	78.7	54.1	89.5	45.2	9.6	52	0.88	7
NOVEMBER	80.8	56.9	91.6	43.9	9.3	59	2.88	12
DECEMBER	76.3	56.7	83.3	48.0	7.8	71	5.70	15
JANUARY	78.4	57.7	89.0	51.4	8.7	65	3.61	12
FEBRUARY	75.5	56.0	82.7	45.2	8.1	71	1.84	9
MARCH	73.9	57.6	79.1	51.7	6.3	79	3.98	15
APRIL	71.2	49.5	77.8	37.0	9.2	64	3.12	6
MAY	66.8	45.3	70.6	37.3	9.3	67	0.58	3
JUNE	64.6	37.9	70.8	24.4	9.8	52	0.00	0

TOTAL RAINFALL FOR YEAR ENDED 30TH JUNE 1948 ....23.06 inches

LONDON SCHOOL OF HYGIENE
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